

COCHRANE - 722-5081  
RESOURCES

SEEMLI FIELD OFFICE  
COCHRANE, UTAH

ML- 21836

B-22648-00

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

1b. Type of Well  
Oil Well ☒ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone ☐

2. Name of Operator  
Roseland Oil and Gas, Inc.

3. Address of Operator  
P. O. Box 404 Tyler, Texas 75710

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface: 758' FSL, 2016' FWL SE/SW  
At proposed prod. zone: Green River

5. Well No.  
State 24-32

6. Field and Pool, or Wildcat  
Wildcat UNDESIGNATED

7. Sec., T., R., M., or Bk. and Survey or Area  
Sec. 32, T8S, R16E, S.L.

14. Distance in miles and direction from nearest town or post office\*  
12.0 miles southwest of Myton Utah

15. Distance from proposed location to nearest property or lease line, ft.  
758'

16. No. of acres in lease  
160

17. No. of acres assigned to this well  
40

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft.  
6200'

19. Proposed depth  
6200'

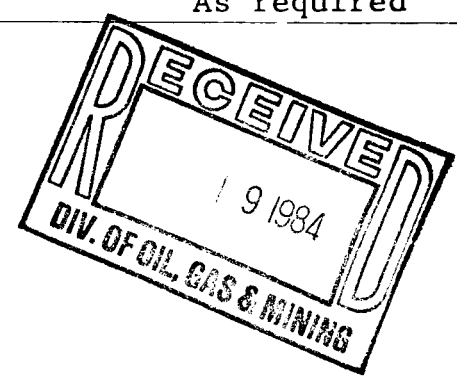
20. Rotary or cable tools  
Rotary

21. Elevation (Show whether DF, RT, GR, etc.)  
5776' GR

22. Approx. date work will start\*  
A.S.A.P.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
10 3/4"	8 5/8"	24#	300'	Cement to surface
7 7/8"	5 1/2"	17#	6200'	As required



APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 11/23/84  
BY: John R. Bays

18. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24. Signed: [Signature] Title: Agent for Roseland Oil & Gas. 11/16/84

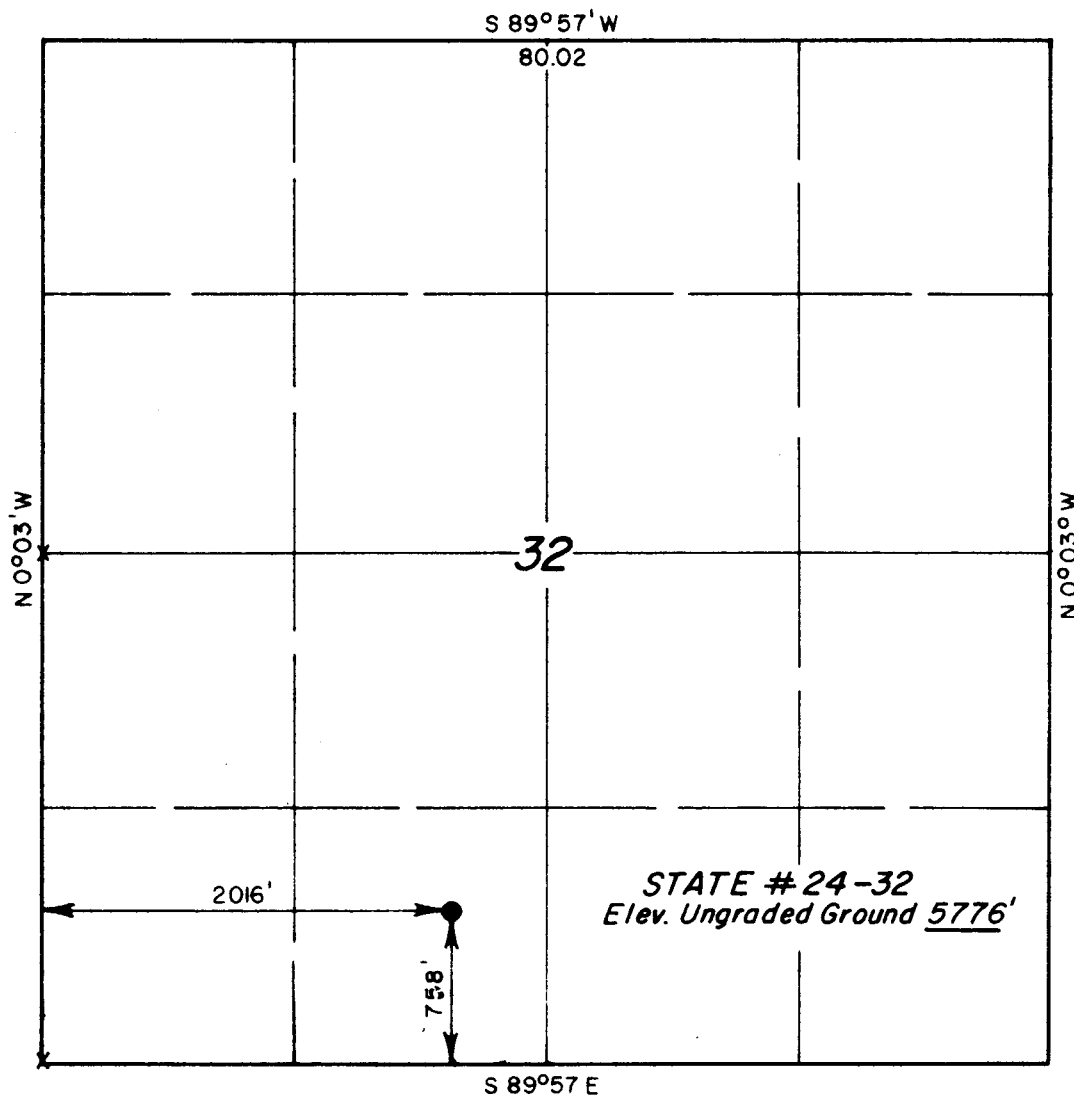
(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_  
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

**T 8 S, R 16 E, S.L.B. & M.**

PROJECT  
**ROSELAND OIL & GAS INC.**

Well location, **STATE # 24-32**,  
located as shown in the SE 1/4 SW 1/4  
Section 32, T 8 S, R 16 E, S.L.B. & M.,  
Dushesne County, Utah



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kane*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 5709  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	11-8-84
PARTY	RK, JF	DLS	REFERENCES
WEATHER	RAIN	FILE	UINTAH



DESIGNATION OF OPERATOR

The undersigned is, on the records of the Department of Natural Resources, Division of State Lands, holder of lease, ML 21836 :

and hereby designates

NAME: Roseland Oil and Gas, Inc.  
ADDRESS: 337 Republic Bank Tyler  
Tyler, Texas 75710

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Director of the Division of State Lands or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations Governing the Issuance of Mineral Leases with respect to (describe acreage to which this designation is applicable):

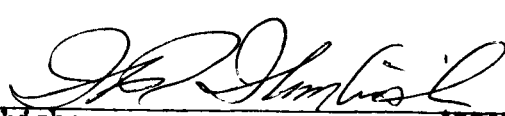
Township 8 South, Range 16 East  
Section 32: SW/4

Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Director, Division of State Lands or his representative.

The lessee agrees promptly to notify the Division of State Lands of any change in the designated operator.

  
W.R. Wimbish (Signature of Lessee) Attorney-in-Fact *W.R.*  
Gulf Oil Corporation  
P.O. Box 2619  
Casper, Wyoming 82602

November 21, 1984  
(Date)

Casper, Wyoming 82602  
(Address)

## 8 POINT COMPLIANCE PROGRAM

WELL NAME: Roseland State 24-32

LOCATION: S.E. OF S.W. Sec. 32, T85, R16E, S.L.M.  
DUCHESNE COUNTY, UTAH

1. ESTIMATED TOP OF GEOLOGIC MARKERS:

Douglas Creek member of Green River Formation	4900'
Basial Green River	6000'
Wasatch	6200'

2. ESTIMATED TOPS OF ANTICIPATED WATER, OIL, GAS, OR MINERALS:

Water:	0 to 4500
Oil and Gas:	4500 to 6200

3. B.O.P. EQUIPMENT AND TESTING: (Minimum specifications)

The rig will be equipped with 10", 3000 PSI, double ram B.O.P.'s with a 10", 3000 PSI annular type B.O.P. Pipe rams and blind rams will be tested to 2000 PSI, and the annular B.O.P. will be tested to 1500 PSI before drilling out from surface casing. Pipe rams will be operationally checked each day, and blind rams every trip out of the hole.

Accessories to B.O.P.'s include Kelly Cock, floor safety valve, and choke manifold of equivalent pressure rating.

4. DRILLING EQUIPMENT AND CASING PROGRAM:

- (A) Surface hole: 300' of 10 3/4" hole will be drilled with an air rig, and cased with 8 5/8", 24#, J-55 Casing. The casing will be cemented to surface.
- (B) - Main hole: 6200' of 7 7/8" hole will be drilled with a Rotary Drilling Rig, and cased to surface with 5 1/2", 17#, J-55, casing if productive. Cement program will be determined at that time.

5. MUD PROGRAM AND MONITORING EQUIPMENT:

0 to 4500':	Drill with fresh water.
4500' to T.D.:	Drill with KCL water ( approximately 30,000 PPM chlorides)

No Monitoring equipment will be used. Loss circulation and kicks will be determined from visual inspection of pit or mud logger, although neither is anticipated.

## 8 POINT COMPLIANCE PROGRAM

### 6. ANTICIPATED TESTING, LOGGING, CASING PROGRAMS:

- (A) No DSTs will be run.
- (B) Logging program: DLL with Gamma Ray and Micro SFL from PBTD to 300'. FDC, CNL from PBTD to approximately 4500'. Mud log from 3000' to PBTD.
- (C) No coring is anticipated.

### 7. ANTICIPATED ABNORMAL PRESSURE TEMPERATURE OR HAZARDS:

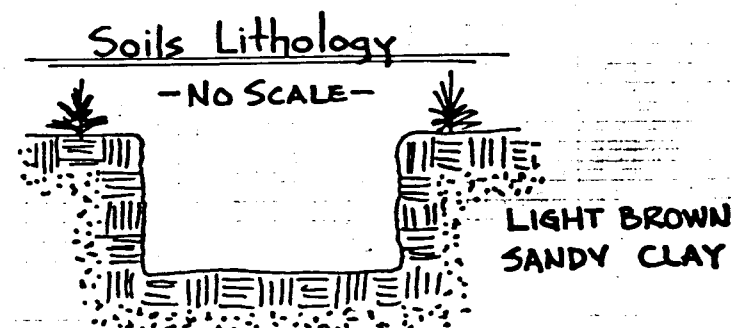
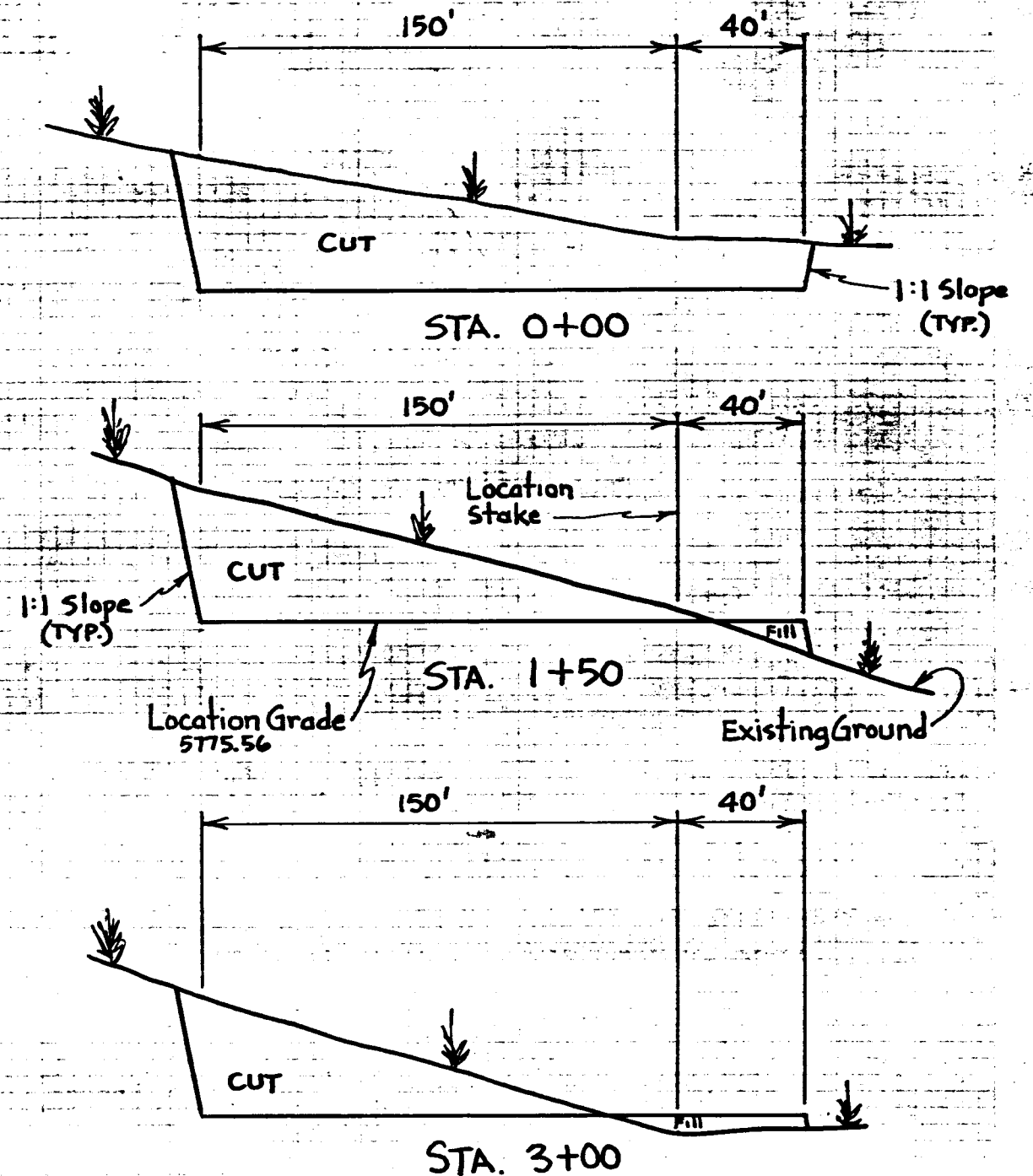
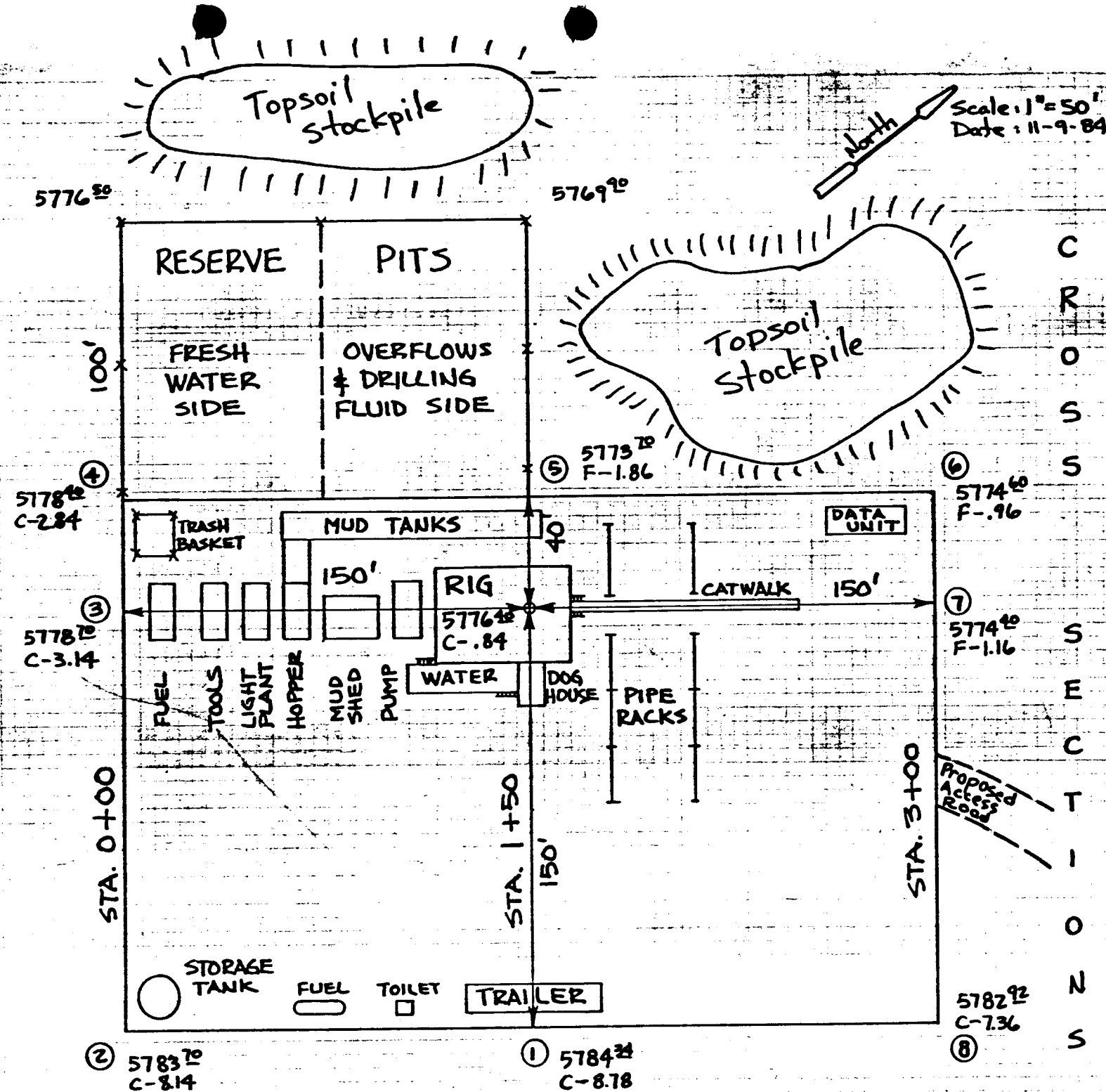
None anticipated.  
Anticipated bottom hole pressure is 3000 PSI.

### 8. ANY OTHER PLANS OR CONDITIONS:

The anticipated starting date is November 20, 1984 if all conditions can be met. Drilling operations are expected to last 10 days from spud to rig release.

# ROSELAND OIL & GAS INC.

State # 24-32



1" = 10'

1" = 50'

SCALES

Approximate Yardages

CU. YDS. CUT = 9154.57

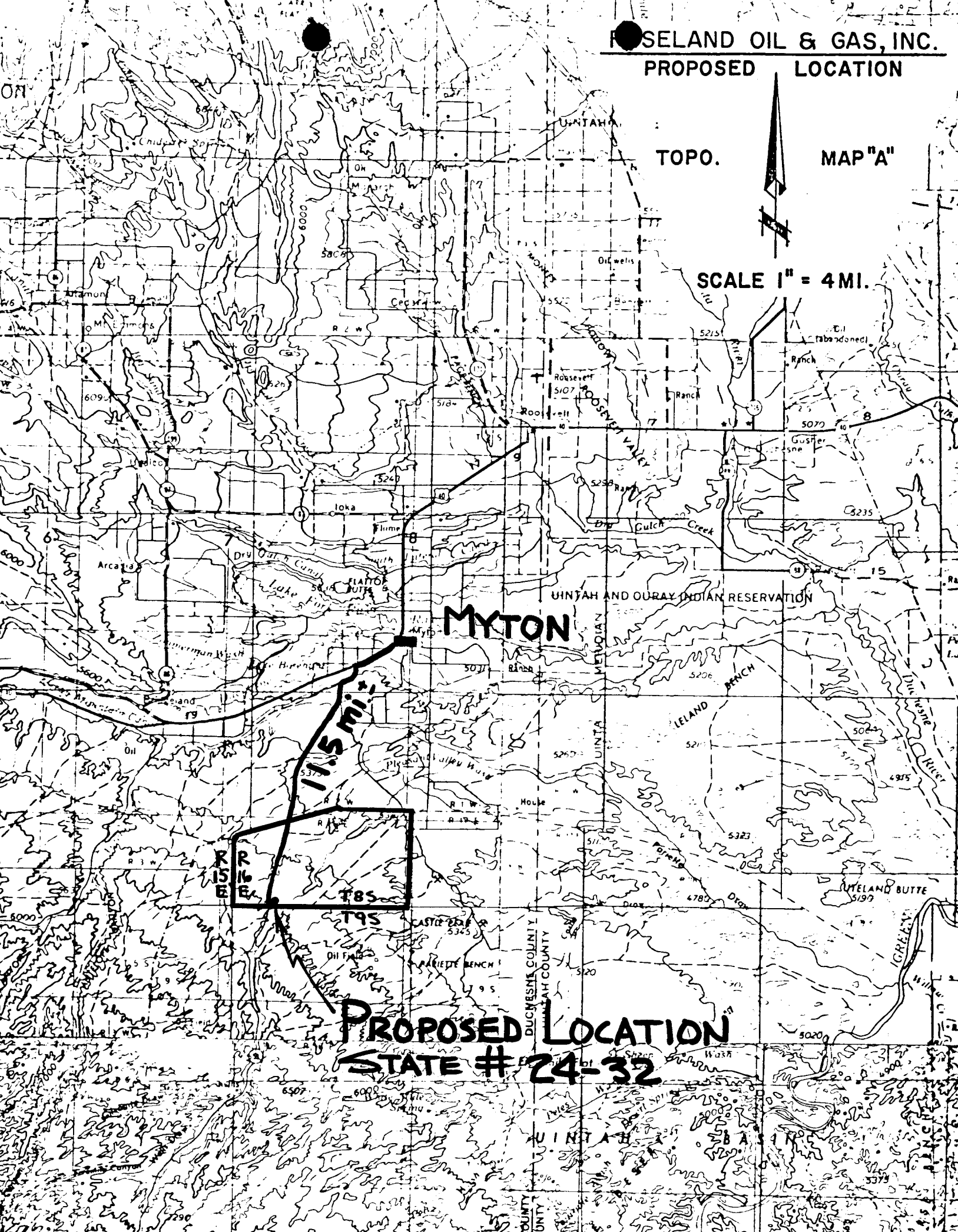
CU. YDS. FILL = 330.04

ROSELAND OIL & GAS, INC.  
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE 1" = 4 MI.



MYTON

UNITAH AND OURAY INDIAN RESERVATION

LELAND BENCH

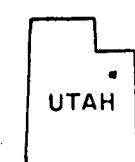
LELAND BUTTE

PROPOSED LOCATION  
STATE # 24-32

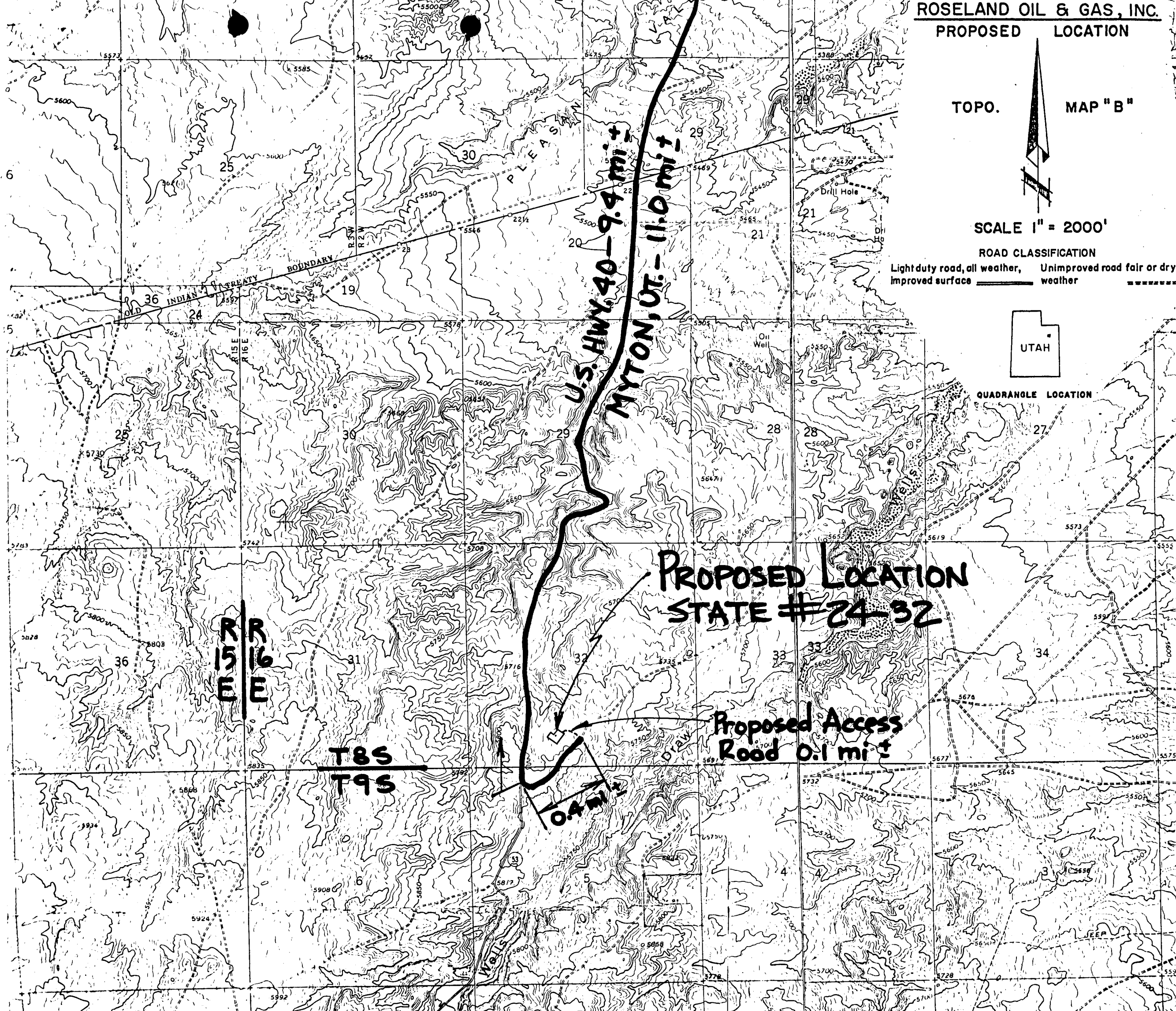
TOPO. MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION  
Light duty road, all weather, improved surface Unimproved road fair or dry weather



QUADRANGLE LOCATION



U.S. HWY 40 - 9.4 mi.  
MYTON, UT - 11.0 mi.

PROPOSED LOCATION  
STATE #24-32

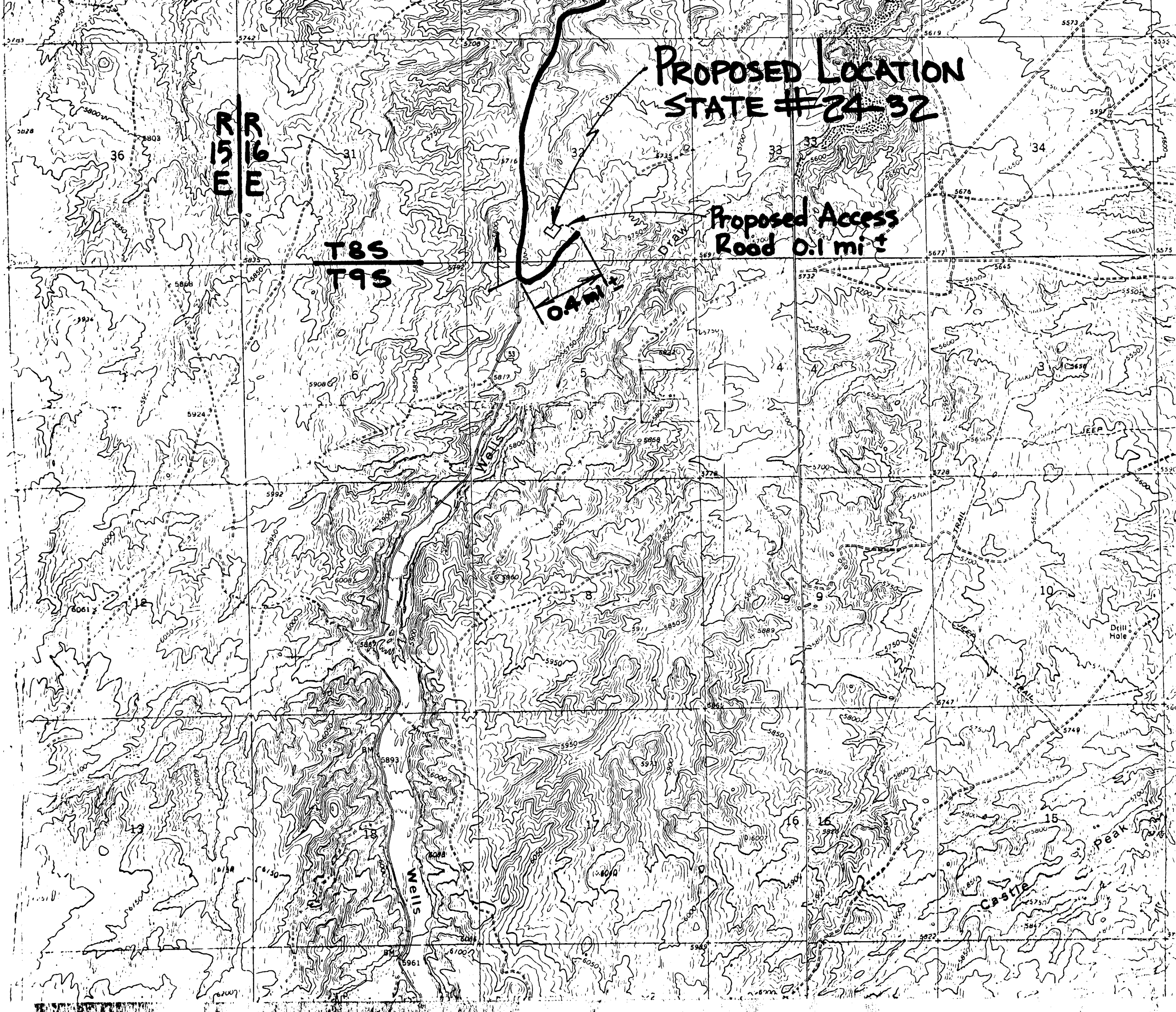
Proposed Access  
Road 0.1 mi.

R15E  
R16E

T8S  
T9S

0.4 mi.





PROPOSED LOCATION  
STATE #24-32

R15 E  
R16 E

T8S  
T9S

Proposed Access  
Road 0.1 mi

0.4 mi

Wells

Castle

Drill Hole

peak

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OPERATOR Rockland Oil & Gas, Inc. DATE 11-21-84  
WELL NAME State 24-32  
SEC SE SW 32 T 8S R 16E COUNTY Rockland

43-013-31040

API NUMBER

State

TYPE OF LEASE

CHECK OFF:



PLAT



BOND



NEAREST WELL



LEASE



FIELD



POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

No other well within 1000'  
Water at Joe Shields #47-1710 T-5961  
State History & (letter in State #14-32 file)  
DO from Gulf - Rec 11/23/84

APPROVAL LETTER:

SPACING:



A-3

UNIT



c-3-a

CAUSE NO. & DATE



c-3-b



c-3-c

STIPULATIONS:





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 23, 1984

Roseland Oil & Gas, Inc.  
P. O. Box 404  
Tyler, Texas 75710

Gentlemen:

Re: Well No. State #24-32 - SE SW Sec. 32, T. 8S, R. 16E  
758' FSL, 2016' FWL - Duchesne County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure.

In addition, the following actions are necessary to fully comply with this approval:

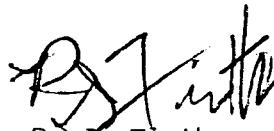
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Roseland Oil & Gas, Inc.  
Well No. State 24-32  
November 23, 1984  
Page 2

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31040.

Sincerely,

A handwritten signature in dark ink, appearing to read 'R. J. Firth', is written over a faint, circular official stamp.

R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: State Lands

Engineering  
Wellsite Supervision  
Lease Operating

**COCHRANE RESOURCES, INC.**

P.O. Box 1656  
Roosevelt, Utah 84066  
Phone (801) 722-5081

**RECEIVED**  
DEC 11 1984  
DIVISION OF  
OIL, GAS & MINING

December 10, 1984

State of Utah  
Department of Natural Resources  
Division of Oil, Gas, & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

RE: Roseland Oil and Gas, Inc.  
State 24-32  
Sec. 32, T8S, R16E, SLM  
Duchesne County, Utah  
Lease #: ML 21836

Dear Sir:

The above well was spudded at 12:45 P.M. November 28, 1984.

A 12 1/4" hole was drilled to 300' with an air rig. 292' of 8 5/8", 24#, J-55, surface casing was run and cemented with 175 sacks of class "A" cement with 2% Calcium chloride. Cemented to surface.

Olsen rotary rig # 2 is drilling this well for Roseland Oil and Gas, Inc.

Sincerely Yours,

*Ellen Rasmussen*

Ellen Rasmussen  
Office Manager/Cochrane Resources  
Agent for Roseland Oil and Gas

UNITED STATES  
GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 21836
2. NAME OF OPERATOR Roseland Oil and Gas, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 1656 Roosevelt, Utah 84066		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 758' FSL, 2016' FE:		8. FARM OR LEASE NAME State
14. PERMIT NO. 43-013-31040		9. WELL NO. 24-32
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5776' Gr.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 32, T8S, R16E SLM
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other) Drilling summary

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11-28-84: ✓ Spudded well at 12:45 P.M.. Set 292' of 8 5/8" 24#, J-55 surface casing.

12-10-84: Ran open hole logs; FDC, CNL, from 6200' to 3000'.  
Ran Dual Laterlog, MSFL from 6200' to 300'.

12-11-84: Ran 6204' of 5 1/2", 17#, J-55 casing. Landed at 6201' K.B. measurement. Float collar at 5158'. Cemented casing with 415 sacks class "G" cement with 10% gypseal.

Released rig at 4:30 P.M.

18. I hereby certify that the foregoing is true and correct

SIGNED Ellen Rasmussen TITLE Office Manager/Cochrane DATE 12-14-84

(This space for Federal or State office use)

Resources/ Agent for Rose-  
land Oil and Gas, Inc.APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

ROSELAND OIL & GAS INC.

STATE 24-32

02-12-85: Rigged up Gamache rig # 17, removed horses head and unseat pump. Flushed rods with 20 bbls of hot 3% KCL water. Pulled rods and pump out of the hole. Picked up and ran 1 3/4" X 114" pump, 4 wt rods, 218 3/4" rods, 1-4', 1-6', 1-10', pony rods. Landed pump, made up stuffing box, pressure tested pump to 1000 PSI. Held O.K. Installed horses head and placed well on production.

Daily cost: \$1,900.00

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

RECEIVED  
FEB 11 1985  
DIVISION OF OIL  
& GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

ML-21836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

State

9. WELL NO.

24-32

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec 32, T8S, R16E SLM

12. COUNTY OR PARISH  
Duchesne13. STATE  
Utah

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL  
OIL WELL ☒ NAT. WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐

2. NAME OF OPERATOR

Rosland Oil and Gas Inc.

3. ADDRESS OF OPERATOR

P.O. Box 404 Tyler, Texas 75710

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 758' FSL 2016' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

43-013-31040

DATE ISSUED

11-23-84

15. DATE SPUDDED

11-28-84

16. DATE T.D. REACHED

12-10-84

17. DATE COMPL. (Ready to prod.)

1-17-85

18. ELEVATIONS (DP, REB, RT, GR, ETC.)\*

5776' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

6200'

21. PLUG BACK T.D., MD &amp; TVD

6158'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

5510' to 5608' Green River formation

25. WAS DICTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

FDC/CNL, DUAL LATERLOG/MSFL, CBL/CLL

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	292'	12 1/4"	cemented to surface	
5 1/2"	17#	6201' K.B.	7 7/8"	415 sx class "G" cement	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2"	surface	6201' K.B.	415		2 7/8"	5410'	

31. PERFORATION RECORD (Interval, size and number)

5510' - 20'; 5 holes  
5496' - 5506'; 10', 5 holes  
5536' - 44'; 8', 5 holes  
5548' - 56'; 8', 5 holes  
5566' - 5608'; 42', 28 holes

4" casing gun

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5496' to 5608'	30,000 gal pad, 64,000 gal gelled 5% KCL water with 20/40 mesh sand as proppant.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-26-85		pumping 2 1/2" X 1 1/2" X 16' top hold down pump				producing	
DATE OF TEST	HOLES TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-26 to 1-28-85	72		→	252	150	0	
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24 HR. RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	84	50	0	33.7	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

used to operate well and vented

TEST WITNESSED BY

Don Schull

35. LIST OF ATTACHMENTS

NOWSCO - Frac job summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Ellen Raussen

TITLE

Office Manager/

DATE 2-8-85

(See Instructions and Spaces for Additional Data on Reverse Side)  
Cochrane Resources/Agent for Roseland Oil & Gas

## INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

### 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Green River		6000'	5496' - 5610'
Green River			5193' - 5206'

### 38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Douglas Creek	4900'	
Douglas Creek		

# NOWSCO SERVICES

P.O. BOX 1574 HOUSTON, TEXAS 77251  
PHONE 713/896-2100  
Stimulation Services

REF. SERVICE TICKET NO.

SERVICE TICKET DATE

## JOB SUMMARY

LOCATION		COUNTY	STATE
CUSTOMER		FORMATION NAME	FIELD
LEASE	WELL NO.	RANGE	SECTION
		TOWNSHIP	

CALLED OUT		ON LOCATION		JOB STARTED		JOB COMPLETED		TYPE OF JOB	
DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	<input type="checkbox"/> OIL	<input type="checkbox"/> WATER
								<input type="checkbox"/> GAS	<input type="checkbox"/> INJ.

MATERIALS		PERSONNEL & EQUIPMENT		
		NAME	UNIT NO.	LOCATION
Treat Fluid				
Disp. Fluid				
Prop. Type	size lb.			
Prop. Type	size lb.			
Acid Type	gals. %			
Acid Type	gals. %			
Surfactant	gals. in.			
Suspending Agent	gals. in.			
Fluid Loss	gals./lb. in.			
Anti-Sludging Agent	gal./lb. in.			
Gelling Agent	gal./lb. in.			
Friction Red.	gal./lb. in.			
Foaming Agent	gals. in.			
Blocking Agent	gal./lb. in.			
PerPac Balls	qty.			
N2 Used	in. gals.			
Other Mat.	in. gals.			

Other Mat.	TREATMENT DONE THROUGH			
Other Mat.	<input type="checkbox"/> Tbg.	<input type="checkbox"/> Csg.	<input type="checkbox"/> Ann	<input type="checkbox"/> Tbg./Ann

VOLUMES & PRESSURES		WEIGHT	SIZE	DEPTH	MAX PSI ALLOWED
		Csg.			
Prepad	Gals./BBL Pad Gals./BBL	Tbg.			
Disp	Gals./BBL	Liner			
Total Vol.	Gals./BBL	Open Hole			
Breakdown	Rate	Perfs	No. of Holes		
Avg. Press.	Max Press.	Perfs	No. of Holes		
ISIP	5 Min. 15 Min.	Perfs			
		Packer Type	Depth		



P.O. BOX 1574 HOUSTON, TEXAS 77251  
PHONE 713/896-2100  
**Stimulation Services**

JOB LOG TICKET DATE
---------------------

## JOB LOG

CUSTOMER		LEASE
WELL NO.	TYPE JOB	TICKET NO.
RANGE	SECTION	TOWNSHIP

[illegible]

SS 001

#1 CUSTOMER COPY

Engineering  
Wellsite Supervision  
Lease Operating

**COCHRANE RESOURCES, INC.**

P.O. Box 1656  
Roosevelt, Utah 84066  
Phone (801) 722-5081

RECEIVED

MAR 26 1985

DIVISION OF OIL  
GAS & MINING

March 25, 1985

State of Utah  
Department of Natural Resources  
Division of Oil, Gas, & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attn: Mr. Ron Firth

RE: Roseland Oil & Gas Inc.  
State 24-32  
Sec. 32, T8S, R16E  
Duchesne County, Utah  
Lease #: ML-21836

Dear Mr. Firth:

The Roseland State 24-32 is currently producing 90 to 100 BOPD and venting 80 to 90 MCF/day gas. The gas was tested on March 3, 1985, which makes our one month production period without board approval up on April 3, 1985.

We have been talking to several companies to contract and take the gas in one of the existing gathering systems in the area, but are still 30 to 60 days away from making a deal and constructing a pipeline to tie the wells in. I would therefore like to ask that we be allowed to continue to vent the gas until the gas can be gathered and sold.

Please advise if you have any questions.

Yours Truly,



Ken Allen

KA/er

BOARD BRIEFING SESSION  
APRIL 26, 1985



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 22, 1985

Cochrane Resources Inc.  
P.O. Box 1656  
Roosevelt, Utah 84066

Gentlemen:

RE: Roseland Oil and Gas Incorporated, Well No. State 24-32,  
Sec.32, T.8S, R.16E, Duchesne County, Utah.

The Board of Oil, Gas and Mining has recently reviewed your request to vent or flare gas from the above-referenced well. The Board conditionally approved your request at its monthly meeting held on April 26, 1985. Additionally, because the Board wishes to encourage any marketing or beneficial use of associated gas from wells in the subject area, it has established approval for a temporary period of six months.

The conditions under which Roseland may vent or flare associated gas for the subject well are as follows:

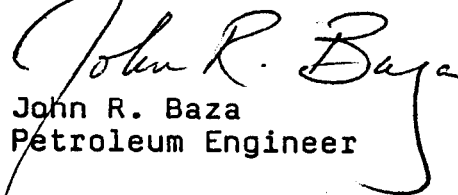
1. The well may be fully produced and associated gas vented or flared as long as the gas oil ratio (GOR) remains 2000:1 or less.
2. If the GOR exceeds 2000:1, the well may be produced on a restricted basis, the restricted rate being equivalent to what a well having a GOR of 2000:1 would produce at 100 percent deliverability. Alternatively, the well may vent or flare up to 100 MCF per day maximum. The operator may vent or flare, the greater of either amount.

Please note that if gas gathering facilities become available in the area of the subject well or if gas production significantly increases, the Board may choose to reevaluate your request to flare, and it may require additional justification for continued gas flaring from the well. You will be notified by the Division in the event that more information is necessary.

Page 2  
Cochrane Resources Inc.  
May 22, 1985

Please do not hesitate to contact this office if you have any additional questions. Thank you for your consideration in this matter.

Sincerely,

  
John R. Baza  
Petroleum Engineer

sb

cc: P.J. Firth  
~~W.H. Firth~~

0090T-92-93

Engineering  
Wellsite Supervision  
Lease Operating

**COCHRANE RESOURCES, INC.**

P.O. Box 1656  
Roosevelt, Utah 84066  
Phone (801) 722-5081

June 10, 1985

State of Utah  
Department of Natural Resources  
Division of Oil, Gas, & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attn: John Baza

Dear Sir:

The board recently gave Roseland Oil & Gas Inc. permission to vent a maximum of 100 MCF/day per well or a prorated volume based on 100 MCF/day or 2000 GOR. I have calculated the oil volumes for the month of June 1985 based on the maximum of 100 MCF/day or 2000 GOR.

The 23-32 is producing 85 BOPD and 177 MCF/day. The GOR is 2082 F3/bbl.  
 $\frac{2000}{2082} \times 85 \text{ BOPD} = 81.7 \text{ BOPD} \times 30 \text{ days} = 2450 \text{ bbls oil for June.}$

The 24-32 is producing 62 BOPD and 134 MCF/day. The GOR is 2161 F3/bbl.  
 $\frac{2000}{2161} \times 62 = 57.4 \text{ BOPD} \times 30 \text{ days} = 1722 \text{ bbls oil for June.}$

The 32-32 is producing 45 BOPD and 275 MCF/day. The GOR is 6111 F3/bbl.  
At 100 MCF/day, maximum gas allowed is 100 MCF X 30 days = 3000 MCF for month.  
 $\frac{3000 \text{ MCF/month}}{6111 \text{ MCF/bbl}} = 491 \text{ bbls oil for month of June.}$

We expect to sign a gas contract and start construction of a gas gathering system within the next week or two. I will keep you advised of our progress, and any changes in the oil and gas production from the wells.

Thank you for your consideration and let me know if you require additional information.

Yours Truly,



Ken Allen  
Agent for Roseland Oil & Gas Inc.

KA/er

RECEIVED

JUN 11 1985

DIVISION OF OIL  
GAS & MINING

ROSELAND OIL & GAS INC.

STATE 24-32

5-31-85: Move rig from 23-32 to location and spot rig in.  
To windy to rig up. Shut down.

Daily cost: \$138.00

6-1-85: Rig up rig. Unseat pump. Lay down 1-6' X 3/4", 1-10' X 3/4" and 1 rod. Rig up hot oiler and pump 20 bbls 3% KCL to flush rods and tubing at 275°. Pull out of hole with 215-3/4" rods and 4- 1 1/2" wt. rods. Pick up and prime a 2 1/2" X 1 1/2" X 16' RWAC pump with 108" stroke. Run in hole with pump and all rods, 2-4' X 3/4", 1-10' X 3/4" subs. Seat pump, fill tubing with 18 bbls KCL water and pressure to 500#. Stroke pump. Pressure to 1000#. Good pump action. Start well pumping at 1:00 P.M. Release Western rig # 22 at 1:00 P.M.

Daily cost: \$2,263.00 Cum cost: \$2,401.00

6-5-86 *Changed Pump.*



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 28, 1985

Roseland Oil & Gas, Inc.  
P.O. Box 404  
Tyler, Texas 75710

Gentlemen:

Re: Well No. State 24-32 - Sec. 32, T. 8S., R. 16E.,  
Duchesne County, Utah - API #43-013-31040

According to our records a "Well Completion Report" filed with this office February 8, 1985 on the above referenced well indicates the following electric logs were run: FDC/CNL, Dual Laterolog, MSFL, CBL/CLL. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than July 12, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

Pam Kenna  
Well Records Specialist

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0161S/11

Engineering  
Wellsite Supervision  
Lease Operating

**COCHRANE RESOURCES, INC.**

P.O. Box 1656  
Roosevelt, Utah 84066  
Phone (801) 722-5081

October 14, 1985

State of Utah  
Department of Natural Resources  
Division of Oil, Gas, & Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attention: Mr. John Baza

Re: Gas flaring: Roseland Oil & Gas, Inc.

Dear Sir:

Please be advised that the gas gathering system has been completed and we are currently selling gas from the following wells:

Roseland State 32-32

Roseland State 24-32 ✓

Roseland State 23-32

Roseland State 14-32

Roseland State 13-32

All five wells are in Sec. 32, Twp. 8S, R16E, SLB&M, and started selling gas October 12, 1985.

The gas line to the Roseland Federal 44-31, Sec. 31, Twp. 8S, R16E, will be completed in approximately 2 weeks, at which time the gas will no longer be flared.

Let me know if you have any questions.

Yours Truly,



Ken Allen

**RECEIVED**

KA/er

**OCT 16 1985**

**DIVISION OF OIL  
& GAS & MINING**



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML 21836
2. NAME OF OPERATOR Roseland Oil & Gas, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 1656 Roosevelt, Utah 84066		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  758' FSL, 2016' FWL		8. FARM OR LEASE NAME State
14. PERMIT NO. 43-013-31040		9. WELL NO. 24-32
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5776' GR.		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA AWX 32, T8S, R16E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input checked="" type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Roseland Oil and Gas intends to recompleate the subject well in the Green River formation. The following intervals will be perforated and sand fraced, 5196' - 5464' and 4920' - 4950'. Work is expected to start in April of 1989.

RECEIVED  
APR 05 1989

DIVISION OF  
OIL, GAS, AND MINING

18. I hereby certify that the foregoing is true and correct

SIGNED W. A. Allen

TITLE Agent

DATE April 4, 1989

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

See attached.

TITLE \_\_\_\_\_

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE 4-10-89

BY John R. Days

\*See Instructions on Reverse Side

ROSELAND OIL & GAS INC.  
STATE 24-32

COMPLETION SUMMARY

The 24-32 was completed in January, 1985 in the Green River formation from 5496' to 5608'. The perforations were broke down with 5% KCL and balls, but were not swabbed long enough to establish a constant rate. The sand frac pumped consisted of 297,000# of 20/40 frac sand in gelled 3% KCL water, with an average rate of 57 BPM at 2500 PSI.

Pressure on the well was 500 PSI the next morning, and the well flowed back 140 bbls of frac water before it died. Swabbing and flowing the well indicated the well would have a good initial production rate.

The well was placed on production on January 20, 1985 and is currently producing 100 BOPD. This rate is lower than anticipated, however pressure testing the down hole pump shows it to be not working properly.

ROSELAND OIL & GAS INC.

STATE 24-32

COMPLETION PROCEDURE

WELL DATA: Casing: 8 5/8", 24#, set at 292'. Cemented to surface.

5 1/2", 17#, set at 6201'. Cemented with 415 sacks class "G" with 10% gypseal.

K.B. 14.5'

PBTD: 6158'

PROCEDURE

1. Rig up on well. Install B.O.P.'s. Pick up and run in the hole with bit and 5 1/2" casing scrapper. Clean well out to PBTD and displace hole to 5% KCL water with claystay.
2. Pull tubing out of the hole and run Gamma Ray, CBL, CCL log from PBTD to 200' above cement top at approximately 4000'.
3. Pressure test casing to 3000 PSI and perforate well from 5510'-20' (10', 5 holes) ; 5496'-5506' (10', 5 holes); 5536'-44' (8', 5 holes); 5548'-56' (8', 5 holes); 5566'-5608' (42', 28 holes).
4. Run in the hole with 5 1/2" packer on 2 7/8" tubing and set at 5450'. Break down perfs with 100 bbls of 5% KCL water with 70 bslls.
5. Swab well for cleanup. Release packer and run across perfs. Swab fluid level down to 5000' and pull out of the hole to frac well.
6. Frac well with gelled 5% KCL water and 20/40 frac sand. Program to follow. Shut well in overnight.
7. Flow and swab well for cleanup and evaluation.
8. If well swabs satisfactorily place well on production. Run end of tubing below perfs, seating nipple at approximately 5520', and anchor at 5400'. Run 1 1/2" top hold down pump, 4-1" wt. rods, and 3/4" plain rods to surface.

ROSELAND OIL AND GAS, INC.

COMPLETION  
ROSELAND 24-32

01-21-85: Set cement pad for pumping unit.

Daily Cost: \$720.00

Cum. Cost: \$140,970.00

ROSELAND OIL AND GAS, INC.

COMPLETION  
ROSELAND 24-32

01-12-85: Unthaw well head. Tubing pressure 300PSI, Casing Pressure 250 PSI. Bleed well down and circulate with 2% KCL. Trip in hole, tag sand at 5698'. Circulate and clean sand out to 5718'. Trip out of hole with 2 7/8" tubing to 5497'. Shut well in for night.

Daily Cost: \$2,583.00 Cum. Cost: \$68,557.00

01/13-85: Unthaw well head with hot oiler. Swab back 50% oil, 50% water. Made 22 runs, recovered 164 bbls.

Daily Cost: \$1,762.00 Cum. Cost: \$70,319.00

01-14-85: Well flowed 6 hours 50% oil, 50% water. Swab 3 hours, fluid level dropped to 1700'. Recovered 40% oil, 60 % water. Made 8 runs, recovered 98 bbls. Shut down for night.

Daily Cost \$2,328.00 Cum. Cost: \$72647.00

01-15-85: Blow well down with Hot Oil Well Service with 75 bbls. 2% KCL water. Trip out of hole with 2 7/8" tubing. Trip in hole with notch collar, one joint seating nip. 6 jts. Mt. States Anchor catcher and 167 jts 2 7/8" tubing. Unnip. BOP, set anchor with 10,000# tension and land at 5623'. Nip. up well head. Shut down for night.

Daily Cost: \$18,302.00 Cum. Cost: \$90,949.00

01-16-85: Well flowed 10 bbls 80% Oil and 20% water to tank. Oil set up, pump 30 bbls hot KCL water down tubing. Pull up and run 2 1/2 X 1 1/2 X 16 pump. (Pump #R2). Run 4 weight rod and 218 3/4" rod and 1 - 10' X 3/4" and 1 - 4' X 3/4" subs and 1 1/2 X 22' polish rod. Space pump out and test to 1000#. Test okay. Shut down for night.

Daily Cost: \$23,316.00 Cum. Cost: \$114,265.00

01-17-85: Released Gibson Well Service at 7:00 A.M. 01-17-85.

Daily Cost: \$1,275.00 Cum. Cost: \$115,540.00

01-18-85: Working on tank battery.

01-19-85: Working on tank battery

Daily Cost: \$24,710.00 Cum. Cost: \$140,250.00

## ROSELAND OIL AND GAS, INC.

COMPLETION  
ROSELAND 24-32

01-08-85: Move in and rig up Gibson Well Service. Pickup and run 172 jts. 2 7/8" J-55 tubing to 5562'. Shut down for night.

Daily Cost: \$1,350.00 Cum. Cost: \$1,350.00

01-09-85 Circulate hole with 130 bbls. 5% KCL with clay stay. Trip out of hole with 2 7/8" tubing, bit and scraper. Rig up Gearhart and run gamma ray, CBL, CLL log from 6111' to 3940' top CMT 4150', fair bond. Set up BOP's and test to 3000 PSI. test okay. Rig up and perf. Perforation gun 4", Shot Diameter 78' SPF/#Shots:

5510 to 20 - 10'	5548 to 56 - 8'
5496 to 5506 - 10'	5566 to 5608 - 42'
5536 to 44 - 8'	

Daily Cost: \$6,531.00 Cum. Cost: \$7,881.00

01-10-85: Trip in hole with packer on 2 7/8" tubing and set at 5465'. Swab back 40 bbls 5% KCL with trace of oil. Release packer trip in hole to 5561', swab well down to 2300' and trip out of hole with packer, rig up to frac.

SITP -0- SICP -0- Back Pres. -0- Fluids used 3% KCL.

#1	Pumped 30,000 gal pod.	
#2	Pumped 6,000 gal 1#/gal.	20/40 sand
#3	Pumped 10,000 gal 2#/gal.	20/40 sand
#4	Pumped 18,000 gal 4#/gal.	20/40 sand
#5	Pumped 20,000 gal 6#/gal.	20/40 sand
#6	Pumped 10,000 gal 8#/gal.	20/40 sand
#7	Pumped 177 bbls flush.	
#8	Load fluid 2681 bbls.	

ISOP 2050  
5 min 1500  
10 min 1700  
15 min 1800

Shut well in for night. This A.M. shut in casing pressure at 500#. Open well up to pit on 8/64 choke.

Daily Cost: \$54,591.00 Cum. Cost: \$62,472.00

01-11-85: Unthaw well head. Well had 500# on casing, flow well back 7 hours. Trip in hole with notch collar and 2 jts. to 2604'. Well started flowing sand back. Choke at 10/64 for 7 hours recovered 140 bbls. Shut well in for night.

Daily Cost: \$3,502.00 Cum. Cost: \$65,974.00

UTAH DIVISION OF OIL, GAS AND MINING  
CONDITIONS OF APPROVAL FOR FRACTURE TREATMENT

State #24-32 Well  
Section 32, T. 8S, R. 16E  
Duchesne County, Utah  
April 10, 1989

Reference document: Sundry notice dated April 4, 1989,

1. The operator shall verbally notify the Division of Oil, Gas and Mining at least 24 hours prior to the commencement of operations.

Division Main Office Telephone: (801)538-5340  
After hours contact: John Baza (801)298-7695  
or Jim Thompson (801)298-9318

OI3/65

1	42.10	41	4142	81	4213	121	4210	161
2	41.86	42	4211	82	4211	122	4212	162
3	42.12	43	4211	83	4212	123	3712	163
4	42.11	44	4210	84	4083	124	4211	164
5	4212	45	4214	85	4212	125	4210	165
6	38.53	46	36.101	86	4215	126	4206	166
7	42.08	47	42.09	87	3863	127	4210	167
8	42.11	48	42.12	88	4210	128	4210	168
9	42.08	49	42.10	89	3893	129	4211	169
10	42.08	50	4211	90	4212	130	4213	170
11	4213	51	4211	91	4212	131	4213	171
12	4210	52	4212	92	4211	132	4211	172
13	41.95	53	4215	93	4212	133	4210	173
14	4215	54	4208	94	4211	134	391	174
15	4213	55	4211	95	4213	135	4213	175
16	4208	56	4210	96	4212	136	4181	176
17	4211	57	4210	97	4213	137	4212	177
18	3495	58	4211	98	4207	138	4211	178
19	4208	59	4213	99	4212	139	4213	179
20	4211	60	4213	100	4210	140	3795	180
21	4211	61	4213	101	4211	141	4213	181
22	4024	62	4211	102	4189	142	4211	182
23	4106	63	4212	103	3345	143	3960	183
24	4212	64	38.50	104	4212	144	4212	184
25	4212	65	4211	105	4210	145	4211	185
26	4210	66	4210	106	4062	146	4210	186
27	4209	67	4212	107	4210	147	4209	187
28	4211	68	4211	108	4212	148	4215	188
29	4211	69	4010	109	4213	149	4214	189
30	4208	70	4213	110	4208	150	4211	190
31	4212	71	4211	111	4041	151	4210	191
32	4211	72	4210	112	4213	152		192
33	4210	73	4212	113	4215	153		193
34	4210	74	4214	114	4211	154		194
35	3903	75	4211	115	4211	155		195
36	4210	76	4210	116	4213	156		196
37	4211	77	4209	117	4212	157		197
38	4210	78	4026	118	4211	158		198
39	4211	79	4213	119	4210	159		199
40	4213	80	4211	120	4211	160		200
TOTAL	1667.13		1670.85		1664.57		1290.40	

1	1667.13	13	1
2	1670.85	85	2
3	1664.57	57	3
4	1290.40	40	4
5			5
6			6
		(6292.95)	
TOTAL	6292.95		9
#123 @	5036.77		10
#16 @	4875.66		11
			12
#18 @	5373.61		13
			14
			15
Run	6209.74		TOTAL

### CASING RECORD

NO. JOINTS ON RACK	
NO. JOINTS LEFT OUT	
NO. JOINTS RUN	
TALLY RUN	
SHOE	
FLOAT	
STAGE COLLAR	
ROTARY SPACE	
LESS SET JOINT	
LESS CUT OFF	
CEMENTED OR SET AT	
NO. SKS.	
FLOAT SET AT	

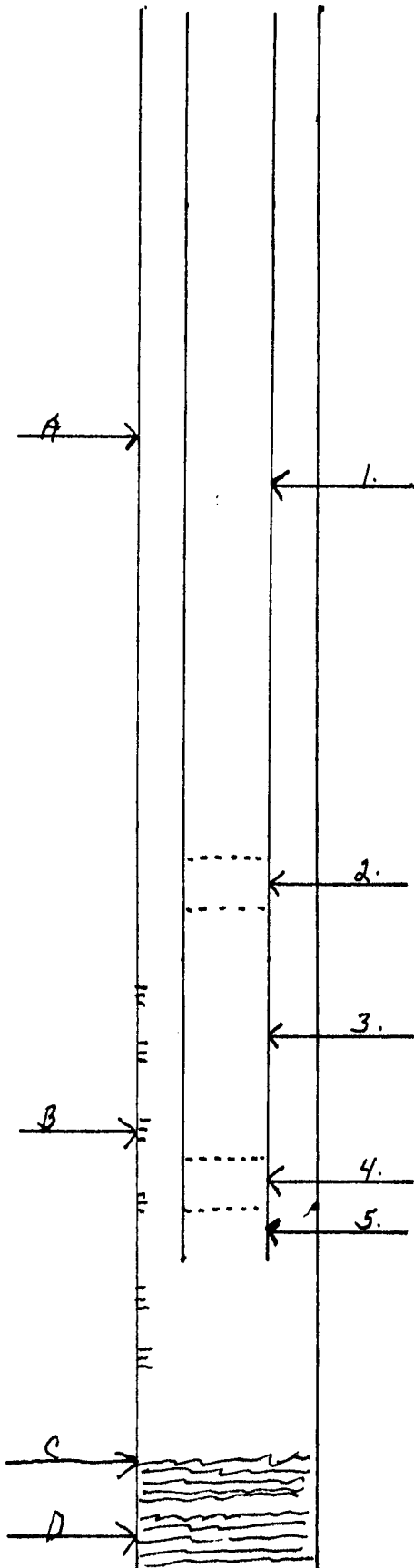
### TUBING RECORD

NO. JOINTS RUN		
TALLY		
PUP JOINTS	14	90
SIDE DOOR CHOKES		
PACKER TYPE		
ROTARY SPACE		
TUBING HUNG AT OR PACKET SET		



Monument Butte  
Roseland oil & gas  
state 24-32

July 22, 1989



K6	13.50
stretch	1.00
	14.50
1. 159 jls 2 7/8", 8 <sup>th</sup> , 6.5", J-55 xbg	5,136.70
	5,151.20
2. mtn states "B 2' 5 1/2" anchor catcher w/40,000 <sup>th</sup> tension shear	2.74
	5,153.94
3. 12 jls 2 7/8", 8 <sup>th</sup> , 6.5", J-55 xbg	390.20
	5,544.14
4. 2 1/2" X +70 cup type PSN	1.10
	5,545.24
5. 1st 2 7/8", 8 <sup>th</sup> , 6.5", J-55 xbg w/ notched collar	32.97
E.O.T.	5,578.21

- A. 5 1/2" 17<sup>th</sup> casing
- B. Perforations 4920 - 5608'
- C. sand fill 5706'
- D. PBTD 6108'

anchor catcher set w/12,000<sup>th</sup> tension

ROSELAND OIL & GAS, INC.

State 24-32

Workover

7/19/89 Move rig to location, rig up. Rig up hot oil truck to 5 1/2" csg, pumped 45 bbls 250' water down. Unseat pump. Flushed rods and tbgs with 45 bbls 250' formation water. Pull out of the hole with rods and pump. Had trouble pulling pump, top cage on pump was broke off and pieces were on top of pump. Shut well in for night.

Daily Cost: \$ 1,313.00

7/20/89 SITP 50, SICP 150. Bled pressure off in 5 min, all gas. Change equipment over to pull 2 7/8" tbgs. Nipple down well head. Release anchor catcher. Nipple up Bico 6" x 5000 BOP. Pull out of the hole with 165 jts 2 7/8", 8rd, 6.5#, J-55 prod tbgs, anchor catcher, pump seating nipple 1 jt with notched collar. Rig up OWP wireline truck. Set Mountain States 5 1/2" wireline. Set H E retrievable bridge plug at 5485'. Perf 5462' - 5464', 5456' - 5458', 5450' - 5454', 5426' - 5430', 5368' - 5378', 5196' - 5206', 128 holes, 4" guns, 4 shots per ft. No misfire, no pressure. Run in the hole with Mountain States 5 1/2" HD packer to 5156', set packer. Rig up Smith Energy pump truck. Broke down perfs 5196' - 5464' with formation water and 150 ball sealers 4 1/2 BPM, 2300 psi. ISIP 1500, 5 min 1370, good ball action, load 130 bbls. Rig down Smith. Release packer. Run in the hole to 5473', pull out of hole with packer. Rig up Smith frac trucks. Frac perfs 5196' - 5464' with 94,000 # 20/40 sand and 1000 bbls gelled 2% Kcl water, 40 BPM, 2300 psi. ISIP 1700, 5 min 1600, 10 min 1590, 15 min 1560. Load 1071 bbls. Perfs were screening off at the end of flush. Rig down Smith. Shut well in for night.

Daily Cost: \$27,175.00  
Cum. Cost: 28,488.00

7/21/89 SICP 500. Removed frac head. Rig up OWP with lubricator. Run in the hole with Mountain States HE wireline, set retrievable bridge plug at 4735', tag sand. Pull out of the hole with bridge plug. Rig down OWP. Run in the hole with Mountain States HE retrieving head to 4115', tag sand, circulate sand out. Rig up drill head, clean out soft sand from 4115' - 5066', circulate hole clean. Pressure test csg to 900 psi, bled off. Rig down drill head. Pull out of the hole with retrieving head. Rig up OWP perforate 4920' - 4924', 4926' - 4934', 4936' - 4950', with 4" guns, 4 shots per ft, no misfire, no pressure increase. Rig up Smith frac trucks, frac perfs 4920' - 4950' with 74,000 # 20/40 sand and 945 bbls gelled 2% Kcl water 35 BPM, 1800 psi. ISIP 2000, 5 min 1600, 10 min 1540, 15 min 1490. Load 945 bbls. Rig down Smith. Shut well in for night.

Daily Cost: \$24,650.00  
Cum. Cost: 53,138.00

ROSELAND OIL & GAS, INC.

State 24-32

Workover

7/22/89 SICP 500 psi. Bled pressure off in 30 min, all water. Run in the hole with Mountain States H E retrieving head to 4906', tag sand and circulate clean. Rig up drill head clean out from 4906' - 5050'. Circulate clean. Released retrievable bridge plug. Rig down drill head. Pull out of the hole, didn't have bridge plug. Run in the hole to 5035' circulate hole clean, run to 5045', tag sand. Rig up to drill, clean out from 5045' - 5191', went through motion trying to latch onto bridge plug. Pull out of the hole, didn't have bridge plug. Run in the hole open end to 1939'. Shut well in for night.

Daily Cost: \$ 2,367.00  
Cum. Cost: 55,505.00

7/24/89 SICP 0, SITP 0. Pull out of the hole with drill string. Run in the hole with Mountain States H E retrievable bridge plug short catch retrieving head to 5097', tag sand. Rig up drill head, broke circulation, clean out from 5097' to 5191', tag bridge plug, circulate hole clean, latch onto retrievable bridge plug. Pull out of the hole with bridge plug. Nipple down drill head. Run in the hole with Mountain States H E retrievable bridge plug retrieving head to 5191', rig up drill head. Clean out sand from 5191' - 5485', bridge plug top. Circulate clean. Latch onto retrievable bridge plug at 5485', released same. Nipple down drill head. Pull out of the hole with retrievable bridge plug. Shut well in for night.

Daily Cost: \$ 2,470.00  
Cum. Cost: 57,975.00

7/25/89 SICP 0. Run in the hole with 2 7/8" 8 rd, 6.5#, J-55 production string, 1 jt with notched collar 32.97'. Pump seating nipple (cup type) 1.10', 12 jts 390.20', Mountain States B 2 anchor catcher, 40,000 # tension shear 2.74', 159 jts 5136.70'. Rig up swab. Swab perfs 4920' - 5608'. IFL 400'. FFL 2000'. Recovered 377 bbls in 51 runs, 30% oil. Fluid entry 42 BPH. Yet to recover 1769 bbls, Load 2146 bbls, recovering small amount of sand. Rig down swab. Shut well in for night.

Daily Cost: \$ 1,625.00  
Cum. Cost: 59,600.00

7/26/89 SITP 260, SITP 340 psi. Rig up swab, swab perfs 4920' - 5608'. IFL 1100', FFL 1900'. Recovered 334 bbls in 50 runs, 50% oil. Fluid entry 32 bbls per hr. Total fluids recovered 711 bbls. Yet to recover 1435 bbls, load 2146

ROSELAND OIL & GAS, INC.

State 24-32

Wrokoover

7/26/89 bbls. Getting more sand in fluids today. Sand tearing up  
cont. swab cups. Recovering gas cut fluids. Rig down swab. Shut  
well in for night.

Daily Cost: \$ 2,767.00  
Cum. Cost: 62,367.00

7/27/89 SITP 280, SICP 500. Bled pressure off in 15 min, all gas.  
Rig up swab, swab perfs 4920' - 5608'. IFL 1600', FFL  
2100'. Recovered 159 bbls in 26 runs, 60% oil. Fluid entry  
32 BPH. Total fluids recovered 870 bbls. Load 2146, yet to  
recover 1276 bbls. Recovering small amounts of sand and gas  
cut fluids. Rig down swab. Run in the hole to 5580', tag  
sand fill. Rig up drill head took 250 bbls formation water  
to get circulation. Clean out sand from 5580' - 5706'  
circulate clean. Rig down drill head, lay down 4 jts work  
string. Nipple down BOP. Set Mountain States B 2 anchor  
catcher, land tbg on 6" x 3000 tbg flange with 12,000 #  
tension. Nipple up well head change equipment over to run  
rods. Shut well in for night. Note: Lost 400 bbls  
formation water to perfs while cleaning out.

Daily Cost: \$ 2,494.00  
Cum. Cost: 64,861.00

7/28/89 SITP 0. Flushed tbg with 40 bbls clean formation water.  
Run in the hole with rods and pump. Spaced out pump. Filled  
tbg, pressure tested tbg and pump to 600 psi, held OK.  
Stroke pump with pumping unit. Pumping OK. Rig down equipment  
Put well on production. Clean sand from mud tank, clean up  
equipment. Prepare to move.

Daily Cost: \$ 1,758.00  
Cum. Cost: 66,619.00

ROD DATA

State 24-32 FIELD \_\_\_\_\_ COUNTY Duchesne STATE UT  
 A ROD 1 1/2 x 22 POLISH ROD LINER \_\_\_\_\_  
 Y RODS 1-2 2-4'

RODS

SIZE 3/4 JTS. 216 FOOTAGE 5400 slick  
 SIZE 1 1/2 wt bar JTS. 4 FOOTAGE 100  
 SIZE \_\_\_\_\_ JTS. \_\_\_\_\_ FOOTAGE \_\_\_\_\_  
 SIZE \_\_\_\_\_ JTS. \_\_\_\_\_ FOOTAGE \_\_\_\_\_

PUMP INFORMATION

PUMP NO. \_\_\_\_\_ TYPE PUMP RHAC SIZE 2 1/2 BORE 1 1/2 LENGTH 12 x 15 x 16  
 TYPE LINER Chrome ID TYPE PLUNGER Spray metal LENGTH 4' FIT -.003  
 BRAND Trico MAXIMUM STROKE 123" HOLD-DOWN 3 cup top  
 DATE INSTALLED 4-3-91 SEAT NIPPLE @ 5.544 +/- TYPE 2 7/8 + 45  
 TYPE ROD RUN \_\_\_\_\_

Valves H.L. Rex Alloy / Carbide

REMARKS Pretest to 500psi took 20 bbls to fill tbg

PREPARED BY Greg Todd RIG NO. #29  
 OFFICE Roosevelt  
 PHONE 722-3451



PROPERTY OF Trico Exchange 4820 Roosevelt WHSE.

Field \_\_\_\_\_ Lease & Well No. \_\_\_\_\_ Pump No. \_\_\_\_\_  
 Type Pump Bad RHAC Size 2 1/2 x 1 1/2 x 12 x 15 x 16 RHAC  
 Type Liners or Barrel Chrome I.D.  
 Type Plunger SPRAY Metal Length & Fit 4'-.003  
 Valves H.L. Rex Alloy / Carbide Hold Down 3 cup Top  
 Maximum Stroke 123"  
 Date Repaired or Assembled \_\_\_\_\_ Sale No. \_\_\_\_\_ Date \_\_\_\_\_

Roseland State ~~44~~-32

April 3, 1991

7:00am - 1:30 pm Bleed off csq. L.D. horsehead

R.U. to pull rods Pull pump off seat - flush rods  
w/ 35 bbls p.w. POOH w/ 216- $\frac{3}{4}$  4-1 $\frac{1}{2}$ " wt bars

L.D. pump P.U. Trico 2 $\frac{1}{2}$  x 1 $\frac{1}{2}$  x 16" RHAC

123" max stroke 4-1 $\frac{1}{2}$ " wt bars 216- $\frac{3}{4}$ , add pups

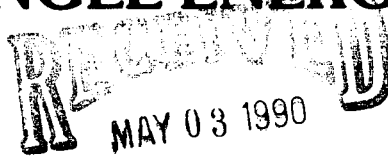
Seat pump, space out fill tbq w/ 20 bbls p.w.

Install horsehead, stroke w/ pump unit p.test to  
500psi, Strokes good Adj horsehead. R.D Rig. Clean  
location - get ready to move. End of job.

	Cost	Rig	890.50
pump	Trico		
	DEM		470.00 +/-



# TRIANGLE ENERGY, INC.



43-013-  
31040

April 30, 1990

Mr. John Baza  
Utah Division of Oil, Gas and Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

DIVISION OF  
OIL, GAS & MINING

Subject: Notification of an oil spill

Dear Mr. Baza,

This will confirm our telephone conversation of April 25, 1990 and will also to give you official written notification that Roseland Oil & Gas, Inc. suffered an oil spill from its well #24-32 on April 20, 1990. This well is located in the SE/4 of the SW/4 of Section 32 of Township 8 South, Range 16 East, Duchesne, County, Utah. This is State of Utah administered land and the well is operated under lease #ML-21826.

A total of 140 barrels of crude oil escaped from a storage tank at this well location. However most of it was caught and recovered from the waste water pit. We estimate therefore that from 50 to 80 barrels of the oil escaped from the pit and flowed down a nearby arroyo.

It has been a normal operating procedure at this well to manually drain 3 to 4 Barrels per day of water from the storage tanks into the pit. On the day of the spill, the operator became distracted and forgot to close the drain valve. His mistake was not discovered for nearly 20 hours.

The spilled oil is entirely contained in the bottom of a dry arroyo and has left a stain from 1 to 3 feet wide for an estimated length of 800 yards. The area is remote and no flowing water streams have been affected. The oil does not present any hazard to human or animal populations.

We have either already taken or are planning the following steps to correct this situation.

1. We have built a temporary coffer dam to prevent any further spread of the oil.
2. We have hired a clean-up expert to give us consultation on the most effective clean-up procedures. He will be on site on Wednesday, May 2, 1990. The clean-up work will begin immediately after we have received his consultation.

Utah Lands and Forestry Department  
Notification of an oil spill  
April 25, 1990  
Page 2.

3. As a part of the clean-up effort we will increase the size of the berm around the waste water pit.

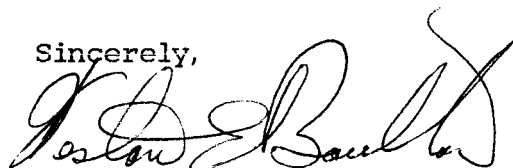
4. We are investigating the feasibility of installing equipment to eliminate this manual step from our operating procedures on this and other wells.

5. We have reprimanded the operator for his mistake.

Roseland Oil & Gas, Inc. is a subsidiary of Normandy Oil & Gas Company of 4550 Post Oak Place, Suite 175, Houston, Texas 77027, Phone 713-622-8222, Roy T. Rimmer, Jr., President. Triangle Energy oversees the operations of the Roseland and other properties for Normandy and is thus authorized to send you this notification.

Please contact me or Mr. Rimmer if you have any questions.

Sincerely,

A handwritten signature in dark ink, appearing to read "Weston E. Boulton", written in a cursive style.

Weston E. Boulton  
President

cc: Roy T. Rimmer, Normandy Oil & Gas Company



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

m7-21836

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS

Do not use this form for proposals to drill new wells; deepen existing wells; or plug and abandon wells.

Use APPLICATION FOR PERMIT— for proposals.

APR 24 1992

Type of Well  
☐ Oil Well ☐ Gas Well ☐ Other (specify)

DIVISION OF  
OIL, GAS & MINING

9. Well Name and Number

State #24-32

10. API Well Number

4301331040

Name of Operator  
Roseland Oil and Gas, Inc.

Address of Operator  
1724 E. 15th St. Tulsa, OK 74104

4. Telephone Number

918-742-0028

Location of Well  
08S 16E 32

11. Field and Pool, or Wildcat

Footage :  
GQ, Sec, T., R., M. :

County :  
State : UTAH

2. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

3. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

July 1, 1991 Roseland assigned  
all Utah properties to:

Normandy Oil & Gas  
1701 W. Euless Blvd.  
Suite 230  
Euless, Texas 76040

14. I hereby certify that the foregoing is true and correct

Name & Signature

Cheryl Hertzgras

Title

Office Manager

Date

4/21/92

State Use Only)

N9735

ROSELAND OIL AND GAS, INC.

3.19

Sent A Copy to DOGM FYI - wells ARE currently under  
old operator- Connie LARSEN. TAX Commission- O/G Auditing

May 14, 1992

5/15/92 Filed Return for  
period ending Mar 92  
\$3.19 due  
\$3.19 paid

Ms. Constance Larsen  
Utah State Tax Commission  
Heber M. Wells Building  
160 East Third South  
Salt Lake City, UT 84134-0410

Dear Connie,

As per our telephone conversation, the attached wells were sold effective 3/1/92 to:

Interline Resources  
175 West 200 South, Suite 2004  
Salt Lake City, UT 84101  
801-328-1606

I have enclosed our Quarterly Oil and Gas Conservation Tax Return for January and February 1992.

Should you have any further questions, I can be reached at the number below.

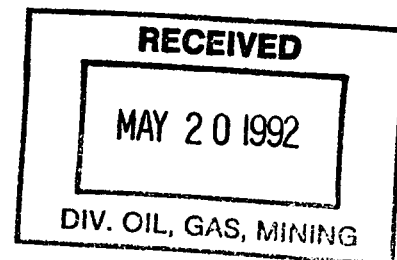
Sincerely,

*Susie Hornsby*

Susie Hornsby  
Production Manager

Entities sold per CO call 5/19/92

10007	1463
10006	1461
10055	1462
10030	10009
09890	10008
10755	



817 443-3723 send ANNUALS FOR 1992 when  
Done A

ML-21836

Indian Allottee or Tribe Name

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT for such proposals.

Type of Well

☐ Oil Well ☐ Gas Well ☐ Other (specify)

Name of Operator

Interline Resources Corporation

Address of Operator

175 West 200 South, SLC, UT 84101

4. Telephone Number

328-1606

9. Well Name and Number

State 24-32

10. API Well Number

4301331040

11. Field and Pool, or Wildcat

Location of Well

Footage : 758' FSL, 2016' FWL  
OO, Sec, T., R., M. : SE1/4SW1/4-32-TOPS-R16E

County : Duchesne

State : UTAH

## CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Approximate Date Work Will Start

### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other                   |   |

Date of Work Completion

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

• Must be accompanied by cement verification report.

3. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 3-1-92 Normally assigned all right, title and interest  
to: Interline Resources Corporation  
175 West 200 South, Suite 2004  
SLC, UT 84101

RECEIVED

JUN 19 1992

DIVISION OF  
OIL GAS & MINING

operator is hereby changed to Interline.

14. I hereby certify that the foregoing is true and correct

Name & Signature

[Signature]

Title

Secretary

Date

6/18/92

(State Use Only)

# NORMANDY OIL AND GAS COMPANY, INC.

RECEIVED

JUN 19 1992

DIVISION OF  
OIL GAS & MINING

June 17, 1992  
Ms. Lisha Romero  
Division of Oil, Gas & Mining  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

Dear Lisha,

For your records, Roseland Oil & Gas Company sold it's interest in various oil and gas wells in Utah effective July 1, 1991 to Normandy Oil & Gas Company. Roseland Oil & Gas continued to operate these wells until March 1, 1992, at which time, all the interests and operations were turned over to Interline Resources.

A listing of these wells is as follows:

State 32-32	09890	43-013-30993
State 14-32	10006	43-013-31039
State 13-32	10007	43-013-31112
State 24-32	10030	43-013-31040
State 23-32	10055	43-013-31041
State 33-32	10755	43-013-31185
Federal 11-5	10009	43-013-31144
Federal 1-5	01463	43-047-31465
Federal 1-35	01461	43-047-31380
Federal 2-35	01462	43-047-31403
Federal 44-31	10008	43-013-31116

Roseland Oil & Gas also operated the Federal 21-7 (10056) and this well was sold to Maxus in September, 1991. 43-047-31673

Should you require further information, I can be reached at the (817) 540-1939.

Sincerely,

*Susie Hornsby*

Susie Hornsby  
Agent

# ROSELAND OIL AND GAS, INC.

June 17, 1992

State of Utah  
Natural Resource:  
Oil, Gas, and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Madam/Sir:

Enclosed please find a copy of the Monthly Oil and Gas Production Report that we filed in March and April 1992, stating that the properties listed on the report were assigned to Normandy Oil and Gas, 1701 W. Eulless Blvd. Suite 230, Eulless, Texas 76040, effective July 1, 1991. At this time, Roseland Oil and Gas, Inc. does not have any properties in the state of Utah.

Please make the proper adjustments to your records regarding this matter. I am returning the monthly production report for the month of May to your office.

If you have any further questions regarding this matter, please do not hesitate to call me at the number listed below.

Sincerely,



Cheryl Heitgrass  
Office Manager

Enclosure

RECEIVED

JUN 22 1992

DIVISION OF  
OIL GAS & MINING

# INTERLINE

RESOURCES CORPORATION

June 18, 1992

Lisha Romero  
Division of Oil Gas & Mining  
3 Triad Center #350  
Salt Lake City, Utah 84180-1203

RECEIVED

JUL 19 1992  
22

DIVISION OF  
OIL GAS & MINING

Re: Sundry Notices

Dear Lisha,

Please find enclosed Sundry Notices on the following wells located in Duchesne County, Utah:

<u>WELL NAME</u>	<u>API WELL #</u>
State # 33-32	4301331185
State # 23-32	4301331041
State # 24-32	4301331040
State # 13-32	4301331112
State # 14-32	4301331039
State # 32-32	4301330993
Well Draw Federal # 11-5	4301331144
Well Draw Federal # 44-31	4301331116
Squaws Crossing Federal # 1-5	4304731405
County Line Federal # 2-35	4304731403
County Line Federal # 1-35	4304731380

If there are any questions or additional information is needed, please feel free to give us a call.

Sincerely,



Paul Lehrman  
Landman/Consultant  
Interline Resources Corporation

# ROSELAND OIL AND GAS, INC.

July 10, 1992

State of Utah  
Natural Resource:  
Oil, Gas, and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Dear Madam/Sir:

Enclosed please find a copy of the letter sent to you on June 17, 1992 stating that Roseland Oil and Gas, Inc. does not have any property holdings in the state of Utah. We filed the Monthly Oil and Gas Production Report in March and April 1992, stating that the properties listed on the report were assigned to Normandy Oil and Gas, 1701 W. Euless Blvd. Suite 230, Euless, Texas 76040, effective July 1, 1991.

Please make the proper adjustments to your records regarding this matter. I am returning the monthly production report for the month of June to your office.

If you have any further questions regarding this matter, please do not hesitate to call me at the number listed below.

Sincerely,



Cheryl Heitgrass  
Office Manager

Enclosure

**RECEIVED**

**JUL 13 1992**

**DIVISION OF  
OIL GAS & MINING**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

ML - 21836

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well

☒ Oil Well      ☐ Gas Well      ☐ Other (specify)

2. Name of Operator

Interline Resources Corporation

3. Address of Operator

350 West "A" St., Ste. 202, Casper, WY 82601

4. Telephone Number

307-237-8919

9. Well Name and Number

State #24-32

10. API Well Number

43-013-31040

11. Field and Pool, or Wildcat

Monument Butte

5. Location of Well

 Footage : 758' FSL - 2016' FWL  
 QQ, Sec. T., R., M. : SE $\frac{1}{4}$  SW $\frac{1}{4}$  Sec. 32-T8S-R16E

County : Duchesne

State : UTAH

### 12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

#### NOTICE OF INTENT (Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment                                       | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair                                     | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                                   | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection                           | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat                                    | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion                               | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Dispose of produced water</u> |   |

Approximate Date Work Will Start Upon approval

#### SUBSEQUENT REPORT (Submit Original Form Only)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment *           | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Interline is hereby requesting approval to dispose of the produced water from said well into the existing production pit at the well site. The amount of produced water to be disposed of will be less than five (5) barrels per day.

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 8/17/92By: [Signature]

**RECEIVED**

JUL 27 1992

DIVISION OF  
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name &amp; Signature

[Signature]Title AgentDate 7/22/92

(State Use Only)

Garry L. Roggow



# Speed Letter®

To Ed Bonner  
State Lands

From Don Staley  
Oil, Gas and Mining

Subject Operator Change

No. 9 & 10 FOLD

MESSAGE

Date 8-6 1992

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s). These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by State Lands ASAP.

Former Operator: Roseland Oil & Gas N 9735

New Operator: Interline Resources Corp. N 8500

Well: STATE 32-32

API: 43-013-30993 Entity: 09890

ML - 21836

S-T-R: 32-85-16E

" 14-32

" " -31039

10006

" 13-32

" " -31112

10007

" 24-32

" " -31040

10030

" 23-32

" " -31041

10053

" 33-32

" " -31185

10755

CC: Operator File

Signed

Don Staley

REPLY

Date \_\_\_\_\_ 19 \_\_\_\_\_

No. 9 & 10 FOLD

Signed

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing	
1- LCR	7- LCR
2- DTS	7- TS
3- VLC	
4- RJF	
5- RWM	
6- ADA	

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-01-92)

TO (new operator)	<u>INTERLINE RESOURCES CORP.</u>	FROM (former operator)	<u>ROSELAND OIL &amp; GAS INC.</u>
(address)	<u>175 W. 200 S., STE 2004</u>	(address)	<u>4550 POST OAK PL #175</u>
	<u>SALT LAKE CITY, UT 84101</u>		<u>HOUSTON, TX 77027</u>
	<u>FRED HAMMOND</u>		<u>CHARLIE WILLIAMS</u>
	phone <u>(801) 328-1606</u>		phone <u>(918) 742-0028</u>
	account no. <u>N 8500 (7-20-92)</u>		account no. <u>N 9735</u>

**\*INTEREST CHANGE "ROSELAND TO NORMANDY" EFF 7-1-91.**

Well(s) (attach additional page if needed):

Name: <u>STATE #32-32/GRRV</u>	API: <u>43-013-30993</u>	Entity: <u>9890</u>	Sec <u>32</u> Twp <u>8S</u> Rng <u>16E</u>	Lease Type: <u>ML-2183</u>
Name: <u>STATE #14-32/GRRV</u>	API: <u>43-013-31039</u>	Entity: <u>10006</u>	Sec <u>32</u> Twp <u>8S</u> Rng <u>16E</u>	Lease Type: <u>ML-2183</u>
Name: <u>STATE #13-32/GRRV</u>	API: <u>43-013-31112</u>	Entity: <u>10007</u>	Sec <u>32</u> Twp <u>8S</u> Rng <u>16E</u>	Lease Type: <u>ML-2183</u>
Name: <u>STATE #24-32/GRRV</u>	API: <u>43-013-31040</u>	Entity: <u>10030</u>	Sec <u>32</u> Twp <u>8S</u> Rng <u>16E</u>	Lease Type: <u>ML-2183</u>
Name: <u>STATE #23-32/GRRV</u>	API: <u>43-013-31041</u>	Entity: <u>10055</u>	Sec <u>32</u> Twp <u>8S</u> Rng <u>16E</u>	Lease Type: <u>ML-2183</u>
Name: <u>STATE #33-32/DGCRK</u>	API: <u>43-013-31185</u>	Entity: <u>10755</u>	Sec <u>32</u> Twp <u>8S</u> Rng <u>16E</u>	Lease Type: <u>ML-2183</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-24-92)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 4-24-92) (Reg. 6-16-92) (Rec'd 6-19-92)
- 3 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) no yes If yes, show company file number: #133563.
- N/A 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. 7-20-92
- 6 6. Cardex file has been updated for each well listed above. 7-20-92
- 7 7. Well file labels have been updated for each well listed above. 7-20-92
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. 7-20-92
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- See 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.  
Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- DLS 2. Copies of documents have been sent to State Lands for changes involving State leases.  
8/4/92

## FILMING

- See 1. All attachments to this form have been microfilmed. Date: Aug 7 1992.

## FILING

- See 1. Copies of all attachments to this form have been filed in each well file.
- See 2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

930720 Federal Lease wells will be handled on a separate change.

\* State Lands / Ed Banner "Chevron - Lessee of Record", Induline Res. Corp. does have Operating Rights - bond coverage being pursued by St. Lands.

GLOBAL NATURAL RESOURCES CORPORATION

January 5, 1993

CERTIFIED MAIL NO. P 199 332 510  
RETURN RECEIPT REQUESTED

Mr. Steve Vonfeldt  
Houston Operating Company  
4550 Post Oak Place, Suite 175  
Houston, TX 77027

RECEIVED

JAN 06 1993

DIVISION OF  
OIL, GAS & MINING

Re: State #13-32, W-4304820  
State #14-32, W-4304760  
State #23-32, W-4304780  
State #24-32, W-4304790  
State #32-32, W-4304800  
Monument Butte, UT086  
Duchesne County, Utah

43-013-31040  
Sec 32 T8S, R16E

Gentlemen:

Enclosed is a copy of that certain Assignment of Oil and Gas Leases and the Bill of Sale between Chevron USA Inc., Assignor/Seller and Global Natural Resources Corporation of Nevada, Assignee/Buyer of all of the Assignor's right, title and interest. The Bill of Sale is effective July 1, 1990 and covers the above wells along with others.

Our inquiry is regarding non-payment of gas revenues on the above captioned Utah wells. Dwight's Energydata, Inc. service reports that approximately 118,600 MCF has been produced from the wells for the period of July 1990 through March 1992. However, we have not received any revenues attributable to our 6.25 percent ORRI. It is our understanding that Roseland Oil and Gas Inc. no longer operates these wells and that Interline Resources Corporation is the current operator as of March 1992. Regardless, Global Natural Resources Corporation of Nevada requests a full accounting of revenues in which we are entitled and demands payment as provided in the State of Utah's statute on non-payment of revenues.

We have determined that our revenues based on a \$1.50 average price per MCF for the above period X the 118,600 MCF produced equals \$117,900.00 or 8/8ths value X our decimal of .0625 equals \$11,118.75 in revenues less the applicable taxes.

Mr. Steve Vanfeldt  
January 5, 1993  
Page 2 of 2

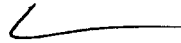
Please review your records and advise us of your conclusion. We would appreciate your prompt attention to this and look forward to receiving a reply in the near future.

Very truly yours,

**GLOBAL NATURAL RESOURCES  
CORPORATION OF NEVADA**



Linda Daigle  
Division Order Analyst

cc: Steve Schneider   
State of Utah, Natural Resources  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Kendal Kuiper

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 1

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

GEORGE PARKS  
 INTERLINE RESOURCES CORP  
 350 W A ST STE 204  
 CASPER WY 82601

UTAH ACCOUNT NUMBER: N8500REPORT PERIOD (MONTH/YEAR): 5 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entry	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ COUNTY LINE FED 1-35								
4304731380	01461	08S 17E 35	GRRV			U 40026	Blm aprv. 7-24-97	
✓ COUNTY LINE FED 2-35								
4304731403	01462	08S 17E 35	GRRV			"	"	
✓ SQUAWS CROSSING FED 1-5								
4304731405	01463	09S 18E 5	GRRV			U 52757	"	
✓ STATE #32-32								
4301330993	09890	08S 16E 32	GRRV			ML 21836		
✓ STATE 14-32								
4301331039	10006	08S 16E 32	GRRV			"		
✓ STATE 13-32								
4301331112	10007	08S 16E 32	GRRV			"		
✓ LLS DRAW FEDERAL 44-31								
4301331116	10008	08S 16E 31	GRRV			U 49950	Blm aprv. 7-24-97	
✓ WELLS DRAW FEDERAL 11-5								
4301331144	10009	09S 16E 5	GRRV			U 69744	"	
✓ STATE 24-32								
4301331040	10030	08S 16E 32	GRRV			ML 21836		
✓ STATE #23-32								
4301331041	10055	08S 16E 32	GRRV			"		
✓ GAVILAN STATE 22-32								
4301331168	10425	08S 16E 32	GRRV			"		
✓ STATE 33-32								
4301331185	10755	08S 16E 32	DGCRK			"		
TOTALS								

COMMENTS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPPLICATE\*  
(Other instructions on  
reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER 2. NAME OF OPERATOR <u>CELSIUS ENERGY COMPANY</u> 3. ADDRESS OF OPERATOR <u>1331 17th St., Suite 800, Denver, CO 80202</u> 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) <u>At surface</u> <u>758' FSL and 2016' FWL</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>ML 21836</u> 6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>NA</u> 7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME <u>State</u> 9. WELL NO. <u>#24-32 4301331040</u> 10. FIELD AND POOL, OR WILDCAT <u>Wildcat</u> 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  <u>Sec. 32, T8S, R16E</u> 12. COUNTY OR PARISH    13. STATE <u>Duchesne</u> <u>UT</u>
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, RT, GR, etc.)	

16.

### Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

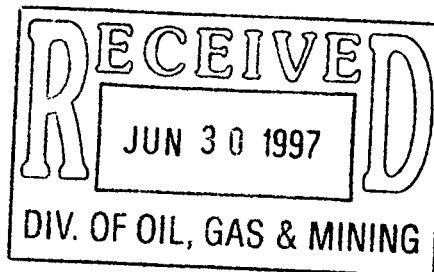
## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Change of Operator ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that effective May 1, 1997, Celsius Energy Company has assumed operatorship of the State #24-32 well from Interline Resources Corporation. Bond coverage for lease activities is provided by Fireman's Fund under Nationwide Bond No. SL6308873. Celsius will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Administrative Supervisor

DATE

6-26-97

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FORM 8

STATE OF UTAH

## DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:2. Name of Operator:  
Interline Resources Corporation3. Address and Telephone Number:  
350 West "A" Street, Suite 204, Casper, WY 82601 (307) 237-89194. Location of Well  
Footages: 758' FSL - 2016' FWL  
SE $\frac{1}{4}$  SW $\frac{1}{4}$  Sec. 32-T8S-R16E  
CO, Sec., T., R., M.:5. Lease Designation and Serial Number:  
ML 21836

6. If Indian, Allocated or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

State #24-32

9. API Well Number:  
43-013-31040

10. Field and Pool, or Wildcat:

County: Duchesne

State: Utah

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicates)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandon                   | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing             | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans           | <input type="checkbox"/> Recomplete           |
| <input type="checkbox"/> Convert to Injection      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion       | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____               |   |

Approximate date work will start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |   |   |
|---|---|
| <input type="checkbox"/> Abandon *  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Repair Casing  | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans                                      | <input type="checkbox"/> Perforate            |
| <input type="checkbox"/> Convert to Injection                                 | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat or Acidize                            | <input type="checkbox"/> Water Shut-Off       |
| <input checked="" type="checkbox"/> Other <u>Change of ownership/operator</u> |   |

Date of work completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

\* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

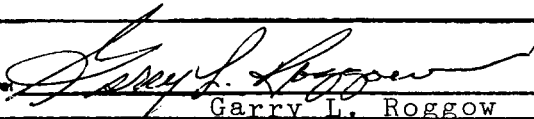
Please be advised that effective May 1, 1997 that the ownership and operations was transferred to:

Celsius Energy Company  
P.O. Box 115030  
Salt Lake City, Utah 84147

Interline is hereby requesting our bond on this well be released.

13.

Name &amp; Signature:

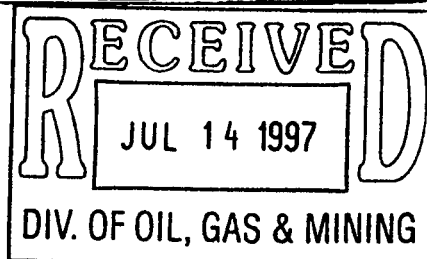
  
Garry L. Roggow

Title: Environmental/permit Agent Date: 7/11/97

(This space for State use only)

(P&amp;G)

(See Instructions on Reverse Side)





# DOGM SPEED LETTER

To: Ed Bonner

From: Don Staley

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

## MESSAGE

Date 8/25 19 97

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s)

These companies have complied with our requirments. Our records have been updated. Bonding should be reviewed by your agency ASAP.

**Former Operator:** Interline Resources Corp. (N8500)

**New Operator:** Celsius Energy Co. (N4850)

Well(s):	API:	Entity:	S-T-R:	Lease:
State 32-32	43-013-30993	09890	32-8S-16E	ML21836
State 14-32	43-013-31039	10006	32-8S-16E	ML21836
State 13-32	43-013-31112	10007	32-8S-16E	ML21836
<b>State 24-32</b>	43-013-31040	10030	32-8S-16E	ML21836
State 23-32	43-013-31041	10055	32-8S-16E	ML21836
Gavilan State 22-32	43-013-31168	10425	32-8S-16E	ML21836
State 33-32	43-013-31185	10755	32-8S-16E	ML21836

cc: Operator File

Signed

*Don Staley*

## REPLY

Date \_\_\_\_\_ 19 \_\_\_\_

Signed \_\_\_\_\_

## OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-FC	6-UR
2-GLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-JRB	

- ☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 5-1-97

TO: (new operator)	<u>CELSIUS ENERGY COMPANY</u>	FROM: (old operator)	<u>INTERLINE RESOURCES CORP</u>
(address)	<u>1331 17TH ST STE 800</u>	(address)	<u>350 W A ST STE 204</u>
	<u>DENVER CO 80202</u>		<u>CASPER WY 82601</u>
	<u>JANE SEILER</u>		
Phone:	<u>(303) 296-8945</u>	Phone:	<u>(307) 265-8923</u>
Account no.	<u>N4850</u>	Account no.	<u>N8500</u>

WELL(S) attach additional page if needed:

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-31040</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

## OPERATOR CHANGE DOCUMENTATION

- Y 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Reg. 7-3-97) (Rec'd 7-14-97)*
- Y 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 6-30-97)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- Y 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- Y 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(8-15-97 Fed Wells) (8-22-97 St. Wells)*
- Y 6. Cardex file has been updated for each well listed above. *(8-22-97)*
- Y 7. Well file labels have been updated for each well listed above. *(8-22-97)*
- Y 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(8-22-97) (8-15-97)*
- Y 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- lec 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

## BOND VERIFICATION - (FEE WELLS ONLY) Trust Lands / Surety # SL6255032 (\$80,000)

- lec 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operator's bond files.
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) no, as of today's date                     . If yes, division response was made to this request by letter dated                     .

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- DTJ 1. Copies of documents have been sent on 8/25/97 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated                      19     , of their responsibility to notify all interest owners of this change.

## FILMING

- VB 1. All attachments to this form have been microfilmed. Today's date: 8-28-97.

## FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

970703 Trust Lands / Ed "Bonding" msg. left. (25,000 in place; need increase to 80,000)  
970708 Gene Seiler / Pelsius Reg. bond increase in behalf of Trust Lands.  
970806 BLM/Vernal Appr. 7-24-97  
970822 Trust Lands / Rec'd Bond Rider 25,000 to 80,000 # SL6255032.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> <b>ML21836</b>	
<b>2. NAME OF OPERATOR</b> <b>INLAND PRODUCTION COMPANY</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b>  N/A	
<b>3. ADDRESS OF OPERATOR</b> <b>410 17TH STREET, SUITE 700, DENVER, COLORADO 80202</b> <b>(303) 893-0102</b>		<b>7. UNIT AGREEMENT NAME</b>  <b>WELLS DRAWS UNIT</b>	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SE/SW 758' FSL 2016' FWL</b>		<b>8. FARM OR LEASE NAME</b> <b>STATE</b>	
<b>14. API NUMBER</b> <b>43-013-31040</b>		<b>9. WELL NO.</b> <b>24-32</b>	
<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.)		<b>10. FIELD AND POOL, OR WILDCAT</b>  <b>MONUMENT BUTTE</b>	
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> <b>SE/SW Section 32, T08S R16E</b>	
		<b>12. COUNTY OR PARISH</b> <b>DUCHESNE</b>	<b>13. STATE</b> <b>UT</b>

<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>			
<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) <u>Change of Operator</u>	<input type="checkbox"/>
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

**17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective April 1, 1999, Inland Production Company will take over operations of the above referenced well. The previous operator was:

Celsius Energy Company  
1331 17th Street, Suite 800  
Denver, CO 80202

Effective April 1, 1999, Inland Production Company is responsible under the terms & conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

**18 I hereby certify that the foregoing is true and correct**

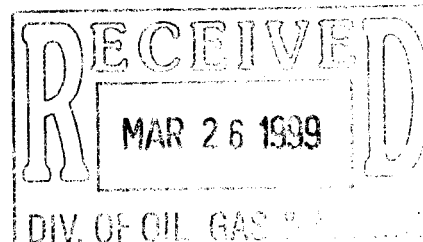
SIGNED <u><i>[Signature]</i></u>	TITLE <u>Manager of Land</u>	DATE <u>3/22/99</u>
----------------------------------	------------------------------	---------------------

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\* See Instructions On Reverse Side



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(other instructions on  
reverse side)

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

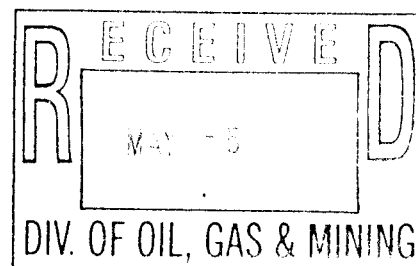
1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER 2. NAME OF OPERATOR QUESTAR EXPLORATION AND PRODUCTION COMPANY 3. ADDRESS OF OPERATOR 1331 - 17th Street, Suite 800, Denver, CO 80202 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		5. LEASE DESIGNATION AND SERIAL NO. 10030 State 6. IF INDIAN, ALLOTTEE OR TRIBE NAME ML-21836 7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME State 9. WELL NO. 24-32 10. FIELD AND FOOT, OR WILDCAT Monument Butte 11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA 32-T8S-R16E 12. COUNTY OR PARISH Uintah 13. STATE UT
14. PERMIT NO. 4301331040	15. ELEVATIONS (Show whether OF, AT, ON, etc.)	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CHANGE OF OPERATOR NAME</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log (form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective April 1, 1999, Celsius Energy Company has merged into Questar Exploration and Production Company. Merger documentation and bohd information will be filed with the Utah Division of Oil, Gas & Mining by Questar Corporate offices. Questar Exploration and Production will be responsible for compliance under the lease terms and conditions for that portion of the lease associated with this notice as of April 1, 1999.



18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] State Seiler TITLE Admin. Supervisor DATE 4-12-99

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

In Reply Refer To:  
3106  
SL-026100A  
(UT-932)

**JUN 29 1999**

### NOTICE

Questar Exploration and Production Co.  
1331 Seventeenth Street, Suite 800  
Denver, CO 80202

:  
:  
:

Oil and Gas

### Merger Recognized Name Change Recognized

Acceptable evidence has been filed in this office concerning the merger of Celsius Energy Company into Questar Exploration and Production Company with Questar Exploration Company being the surviving entity.

Acceptable evidence has been received in this office concerning the change of name of Universal Resources Corporation to Questar Exploration and Production Company on Federal oil and gas leases.

For our purposes the merger is recognized effective April 9, 1999, and the name change is recognized effective March 26, 1999.

The oil and gas lease files identified on the enclosed exhibits have been noted as to the merger and name change. The exhibits were compiled from lists supplied by Questar Exploration and Production Company. We have not adjudicated the case files to determine if the entities affected by the merger and name change hold an interest in the leases identified, nor have we attempted to identify leases where the entities are the operator on the ground, maintaining no vested record title or operating rights interest. We are notifying the Minerals Management Service and all applicable BLM offices of the merger and name change by a copy of this notice. If additional documentation for a change of operator are required by our Field Offices, you will be contacted by them.

By recognition of the merger and the name change the principal on bonds held by Celsius and Universal are automatically changed to Questar Exploration and Production Company. Nationwide bond ES 0019 is providing coverage for Questar Exploration and Production Company.

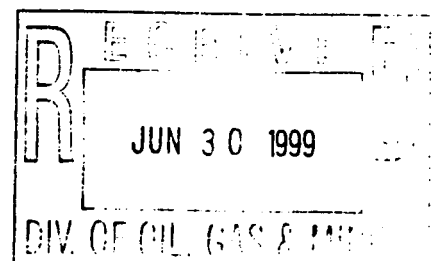
**/s/ Robert Lopez**

Robert Lopez  
Group Leader,  
Minerals Adjudication Group

### Enclosures

1. Universal Exhibit of Leases
2. Celsius Exhibit of Leases

cc: Moab Field Office  
Vernal Field Office  
MMS—Reference Data Branch, MS 3130, P.O. Box 5860, Denver, CO 80217  
State of Utah, DOGM, Attn: Kristen Risbeck (Ste. 1210) Box 145801, SLC, UT 84114-5801  
Irene Anderson (UT-932)  
Teresa Thompson (UT-931)



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE  
with instructions on  
reverse side

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. ML-21836
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR (Celsius Energy CO)		7. UNIT AGREEMENT NAME WELLS DRAW UNIT
3. ADDRESS OF OPERATOR 1331 17th Street, Suite 300, Denver, CO 80202 (303) 672-6970		8. FARM OR LEASE NAME STATE
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SESW 758' FSL and 2016' FWL		9. WELL NO. 24-32
14. PERMIT NO. 43-013-31040		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE
15. ELEVATIONS (Show whether OF, AT, OR, etc.)		11. SEC. T. R. M. OR ALK. AND SURVEY OR AREA 32-8S-16E
12. COUNTY OR PARISH DUCHESNE		13. STATE UT

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other) Change of Operator			<input checked="" type="checkbox"/>

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1999, Inland Production Company will take over operation of the above referenced well. Celsius Energy Company previously operated this well.

Effective April 1, 1999, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

RECEIVED

JUN 05 2000

DIVISION OF  
OIL, GAS AND MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*[Signature]*

TITLE Administrative Supervisor

DATE 5-26-00

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

## OPERATOR CHANGE WORKSHEET

Check each listed item when completed. Write N/A if item is not applicable.

1-GLH	4-KAS ✓
2-CDW	5-SJ
3-JLT ✓	6-FILE

Change of Operator (Well Sold)

☐ Designation of Agent☐ Operator Name Change Only☒ MergerThe operator of the well(s) listed below has changed, effective: 4-1-99TO:(New Operator) QUESTAR EXPLOR & PROD CO.FROM:(Old Operator) CELSIUS ENERGY COMPANYAddress: 1331 17<sup>TH</sup> ST., STE 800Address: 1331 17<sup>TH</sup> ST., STE 800DENVER, CO 80202DENVER, CO 80202-1559JANE SEILERJANE SEILERPhone: 1-(303)-672-6900Phone: 1-(303)-672-6900Account No. N5085Account No. N4850

WELL(S): CA Nos. \_\_\_\_\_ or WELLS DRAW (GR) \_\_\_\_\_ Unit

Name: STATE 13-32	API: 43-013-31112	Entity: 10007	S 32	T 08 S	R 16E	Lease: ML-21836
Name: STATE 22-32	API: 43-013-31168	Entity: 10425	S 32	T 08S	R 16E	Lease: ML-21836
Name: STATE 23-32	API: 43-013-31041	Entity: 10055	S 32	T 08S	R 16E	Lease: ML-21836
Name: <del>STATE 24-32</del>	API: 43-013-31040	Entity: 10030	S 32	T 08S	R 16E	Lease: ML-21836
Name: STATE 32-32	API: 43-013-30993	Entity: 9890	S 32	T 08S	R 16E	Lease: ML-21836
Name: STATE 33-32	API: 43-013-31185	Entity: 10755	S 32	T 08S	R 16E	Lease: ML-21836

## OPERATOR CHANGE DOCUMENTATION

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 5-5-99.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 5-5-99.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes/No** If yes, the company file number is 091212. If no, Division letter was mailed to the new operator on \_\_\_\_\_.
- YES 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the **merger**, name change or operator change for all wells listed above involving Federal or Indian leases on 4-9-99.
- N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on \_\_\_\_\_.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on \_\_\_\_\_.



N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.

YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 6-28-00.

YES 10. Changes have been included on the **Monthly Operator Change letter** on 6-28-00.

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### STATE BOND VERIFICATION

N/A 1. State Well(s) covered by Bond No. SL6255032.

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### FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.

N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on \_\_\_\_\_.

N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date \_\_\_\_\_. If yes, Division response was made to this request by letter dated \_\_\_\_\_. (see bond file).

N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.

N/A 5. Bond information added to **RBDMS** on \_\_\_\_\_.

N/A 6. Fee wells attached to bond in **RBDMS** on \_\_\_\_\_.

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### FILMING

\_\_\_\_ 1. All attachments to this form have been **microfilmed** on 3-26-01.

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### FILING

\_\_\_\_ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.

\_\_\_\_ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

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### COMMENTS

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## OPERATOR CHANGE WORKSHEET

Check each listed item when completed. Write N/A if item is not applicable.

## ROUTING:

	4-KAS ✓
2-CDW ✓	5-SJ
3-JLT ✓	6-FILE

☒ Change of Operator (Well Sold)☐ Designation of Agent☐ Operator Name Change Only

Merger

The operator of the well(s) listed below has changed, effective: 4-1-99TO:(New Operator) INLAND PRODUCTION COMPANYFROM:(Old Operator) CELSIUS ENERGY COMPANYAddress: 410 17<sup>TH</sup> ST., STE 700Address: 1331 17<sup>TH</sup> ST., STE 800DENVER, CO 80202DENVER, CO 80202-1559JANE SEILERPhone: 1-(303)-893-0102Phone: 1-(303)-672-6900Account No. N5160Account No. N4850

WELL(S): CA Nos. \_\_\_\_\_ or WELLS DRAW (GR) \_\_\_\_\_ Unit

Name: <u>STATE 13-32</u>	API: <u>43-013-31112</u>	Entity: <u>12276</u>	<u>S 32</u>	<u>T 08 S</u>	<u>R 16 E</u>	Lease: <u>ML-21836</u>
Name: <u>STATE 22-32</u>	API: <u>43-013-31168</u>	Entity: <u>12276</u>	<u>S 32</u>	<u>T 08 S</u>	<u>R 16 E</u>	Lease: <u>ML-21836</u>
Name: <u>STATE 23-32</u>	API: <u>43-013-31041</u>	Entity: <u>12276</u>	<u>S 32</u>	<u>T 08 S</u>	<u>R 16 E</u>	Lease: <u>ML-21836</u>
Name: <u>STATE 24-32</u>	API: <u>43-013-31040</u>	Entity: <u>12276</u>	<u>S 32</u>	<u>T 08 S</u>	<u>R 16 E</u>	Lease: <u>ML-21836</u>
Name: <u>STATE 32-32</u>	API: <u>43-013-30993</u>	Entity: <u>12276</u>	<u>S 32</u>	<u>T 08 S</u>	<u>R 16 E</u>	Lease: <u>ML-21836</u>
Name: <u>STATE 33-32</u>	API: <u>43-013-31185</u>	Entity: <u>12276</u>	<u>S 32</u>	<u>T 08 S</u>	<u>R 16 E</u>	Lease: <u>ML-21836</u>

## OPERATOR CHANGE DOCUMENTATION

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 6-5-00.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 3-26-99.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? Yes/No If yes, the company file number is 089507. If no, Division letter was mailed to the new operator on \_\_\_\_\_.
- N/A 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved the merger, name change or **operator change** for all wells listed above involving Federal or Indian leases on \_\_\_\_\_.
- N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on \_\_\_\_\_.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on \_\_\_\_\_.

- N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.
- YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 6-28-00.
- YES 10. Changes have been included on the **Monthly Operator Change letter** on 6-28-00.

---

### STATE BOND VERIFICATION

- YES 1. State Well(s) covered by Bond No. 4471291.

---

### FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

- N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.
- N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on \_\_\_\_\_.
- N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date \_\_\_\_\_? If yes, Division response was made to this request by letter dated \_\_\_\_\_. (see bond file).
- N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_, of their responsibility to notify all interest owners of this change.
- N/A 5. Bond information added to **RBDMS** on \_\_\_\_\_.
- N/A 6. Fee wells attached to bond in **RBDMS** on \_\_\_\_\_.

---

### FILMING

- \_\_\_\_\_ 1. All attachments to this form have been **microfilmed** on 3-26-01.

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### FILING

- \_\_\_\_\_ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.
- \_\_\_\_\_ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

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### COMMENTS

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STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

<b>1. SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> <b>ML - 21836</b>	
		<b>6. IF INDIAN, ALLOTTEE OR TRIBAL NAME</b>  N/A	
<b>OIL</b> <input type="checkbox"/> <b>GAS</b> <input type="checkbox"/> <b>WELL</b> <input checked="" type="checkbox"/> <b>WELL</b> <input type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>7. UNIT AGREEMENT NAME</b>  Wells Draw unit	
<b>2. NAME OF OPERATOR</b> <b>INLAND PRODUCTION COMPANY</b>		<b>8. FARM OR LEASE NAME</b>  State	
<b>3. ADDRESS OF OPERATOR</b> <b>Route 3, Box 3630 Myton, Utah 84052</b> <b>(435) 646-3721</b>		<b>9. WELL NO.</b>  24-32-8-16	
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SE/SW 758" FSL &amp; 2016' FWL</b>		<b>10. FIELD AND POOL, OR WILDCAT</b>  Monument Butte	
		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> <b>SE/SW Section 32, T8S, R16E</b>	
<b>14. API NUMBER</b> <b>43-013-31040</b>	<b>15. ELEVATIONS</b> (Show whether DF, RT, GR, etc.) <b>5776' GR</b>	<b>12. COUNTY OR PARISH</b> <b>Duchesne</b>	<b>13. STATE</b> <b>UT</b>

<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>			
<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>		(OTHER) _____	<input type="checkbox"/>
(OTHER) _____	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS.** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Status report for time perion 9/3/01 through 9/9/01.

Subject well had re-completion procedures initiated in the Green River formation on 9/4/01. Production equipment was pulled from well. Fill was cleaned out of wellbore. Three new Green River intervals have been perforated as follows (All 4 JSPF): CP sds @ 5834-36', 5851-54', 5987-96' & 6012-15'. LODC sds @ 5642-58', 5676-78' & 5686-94'. GB2 sds @ 4362-68'. The first interval (CP sds @ 5834' through 6015') has been hydraulically fracture treated W/ 70,100# 20/40 mesh sand in 457 bbls Viking I-25 fluid. The other two intervals await treatment at present time.

18. I hereby certify that the foregoing is true and correct.

SIGNED	<u>Gary Dietz</u>	TITLE	<u>Completion Foreman</u>	DATE	<u>9/10/01</u>
	Gary Dietz				

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

1. <b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. <b>ML - 21836</b>	
2. NAME OF OPERATOR <b>INLAND PRODUCTION COMPANY</b>		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME  <b>N/A</b>	
3. ADDRESS OF OPERATOR <b>Route 3, Box 3630 Myton, Utah 84052 (435) 646-3721</b>		7. UNIT AGREEMENT NAME  <b>Wells Draw unit</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>SE/SW 758" FSL &amp; 2016' FWL</b>		8. FARM OR LEASE NAME  <b>State</b>	
14. API NUMBER <b>43-013-31040</b>		9. WELL NO.  <b>24-32-8-16</b>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)  <b>5776' GR</b>		10. FIELD AND POOL, OR WILDCAT  <b>Monument Butte</b>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  <b>SE/SW Section 32, T8S, R16E</b>	
		12. COUNTY OR PARISH  <b>Duchesne</b>	13. STATE  <b>UT</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>		(OTHER) _____	<input type="checkbox"/>
(OTHER) _____	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Status report for time period 9/10/01 through 9/16/01.

Subject well had re-completion procedures initiated in the Green River formation on 9/4/01. Production equipment was pulled from well. Fill was cleaned out of wellbore. Three new Green River intervals have been perforated as follows (All 4 JSPF): CP sds @ 5834-36', 5851-54', 5987-96' & 6012-15'. LODC sds @ 5642-58', 5676-78' & 5686-94'. GB2 sds @ 4362-68'. The first interval (CP sds @ 5834' through 6015') has been hydraulically fracture treated W/ 70,100# 20/40 mesh sand in 457 bbls Viking I-25 fluid. The second interval (5642-58', 5676-78' & 5686-94') was fracture treated W/ 13,037# 20/40 mesh sand in 378 bbls Viking I-25 fluid. This frac communicated up to the next set of perfs (5566-5608') and frac job was aborted. The third interval (4362-68') was fracture treated W/ 34,061# 20/40 mesh sand in 319 bbls Viking I-25 fluid. Bridge plugs and sand plugs were removed from wellbore. Zones were swab tested to clean up sand. Production equipment was returned to well. Well returned to production via rod pump on 9/15/01.

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Gary Dietz</u>	TITLE <u>Completion Foreman</u>	DATE <u>9/19/01</u>
--------------------------	---------------------------------	---------------------

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
DIVISION OF  
OIL, GAS, AND MINING



## Office of the Secretary of State

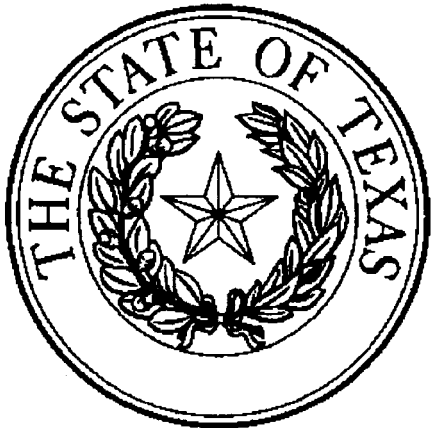
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****Wells Draw (Green River)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
WELLS DRAW FED 44-31	31	080S	160E	4301331116	12276	Federal	OW	P
STATE 32-32	32	080S	160E	4301330993	12276	State	WI	A
STATE 14-32	32	080S	160E	4301331039	12276	State	WI	I
STATE 24-32	32	080S	160E	4301331040	12276	State	OW	P
STATE 23-32	32	080S	160E	4301331041	12276	State	WI	A
STATE 13-32	32	080S	160E	4301331112	12276	State	OW	P
GAVILAN ST 22-32	32	080S	160E	4301331168	12276	State	OW	P
STATE 33-32	32	080S	160E	4301331185	12276	State	OW	P
FEDERAL 24-33-B	33	080S	160E	4301331214	12276	Federal	OW	P
FEDERAL 14-33-B	33	080S	160E	4301331229	12276	Federal	WI	A
FEDERAL 43-33-B	33	080S	160E	4301331240	12276	Federal	WI	A
FEDERAL 14-34-B	34	080S	160E	4301331225	12276	Federal	WI	A
FEDERAL 23-34-B	34	080S	160E	4301331241	12276	Federal	WI	A
FEDERAL 42-4	04	090S	160E	4301330638	12276	Federal	OW	P
NGC 12-4G	04	090S	160E	4301330699	12276	Federal	WI	A
FEDERAL 31-4-G	04	090S	160E	4301331228	12276	Federal	OW	P
NGC FED 32-5G	05	090S	160E	4301330670	12276	Federal	WI	A
NGC FED 21-5G	05	090S	160E	4301330698	12276	Federal	WI	A
CASTLE PEAK 43-5	05	090S	160E	4301330858	12276	Federal	WI	A
WELLS DRAW FED 11-5	05	090S	160E	4301331144	12276	Federal	OW	P
FEDERAL 41-5-G	05	090S	160E	4301331205	12276	Federal	WI	A
FEDERAL 23-5-G	05	090S	160E	4301331207	12276	Federal	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:



6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE  
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

#### DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005  
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005  
3. Bond information entered in RBDMS on: 2/28/2005  
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005  
5. Injection Projects to new operator in RBDMS on: 2/28/2005  
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

#### FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

#### INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

#### FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919  
2. The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

#### LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

#### COMMENTS:

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

UTAH STATE ML-21836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

WELLS DRAW UNIT

8. WELL NAME and NUMBER:

STATE 24-32

9. API NUMBER:

4301331040

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

TYPE OF WELL:

OIL WELL ☒

GAS WELL ☐

OTHER

NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

ADDRESS OF OPERATOR:

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

LOCATION OF WELL:

FOOTAGES AT SURFACE: 758 FSL 2016 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SESW, 32, T8S, R16E

STATE: UT

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will <u>03/16/2009</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield Production proposes to convert the above mentioned well from a producing oil well to an injection well.

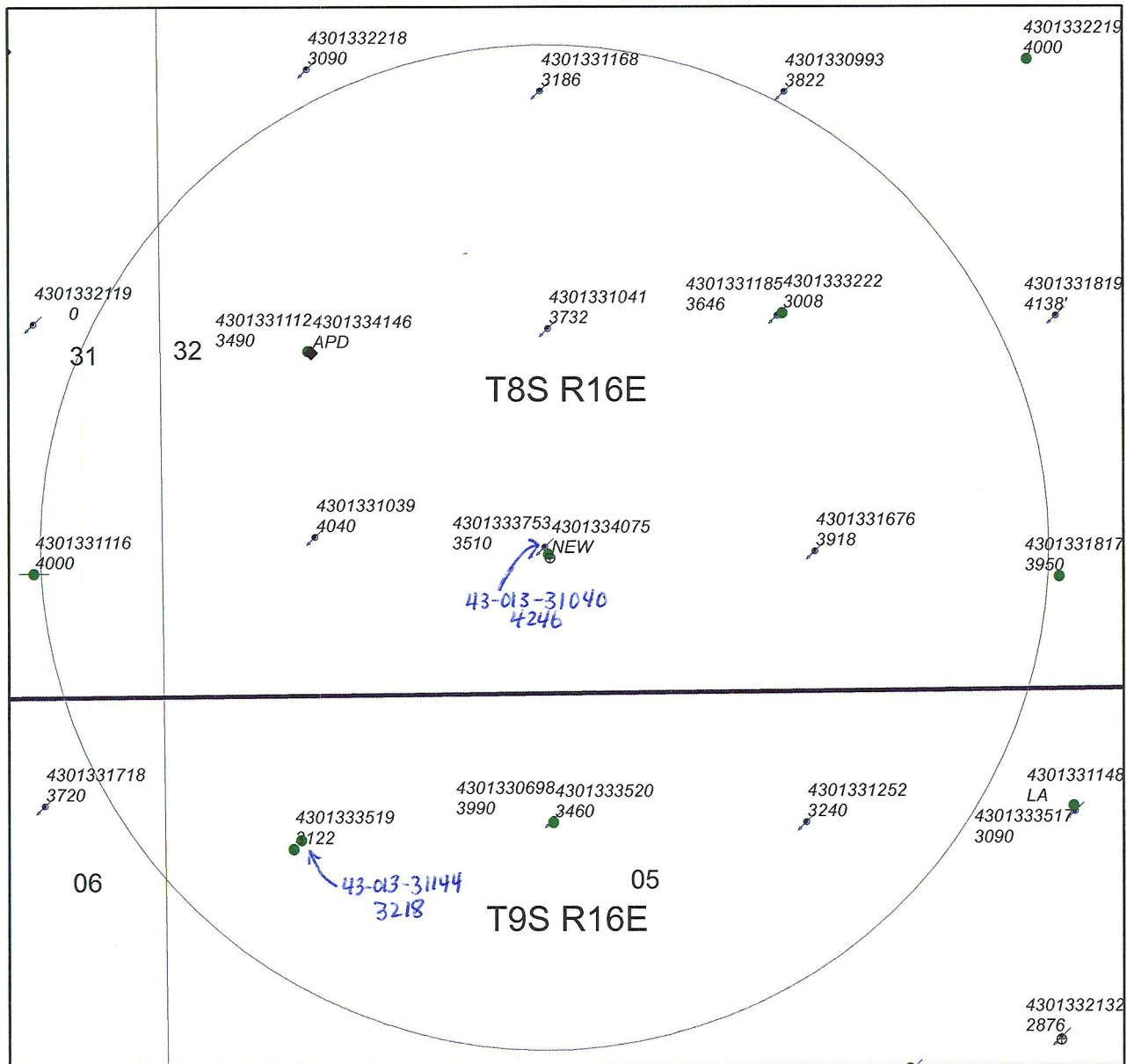
NAME (PLEASE PRINT) Eric Sundberg

TITLE Regulatory Analyst

SIGNATURE

DATE 03/16/2009

(This space for State use only)



**STATE 24-32-8-16**

API #43-013-31040

UIC-352.12

**Legend**

**OGM Database View Events**

✕ <all other values>

**Status**

- ◆ APD - Aproved Permit
- ⊙ DRL - Spuded (Drilling Commenced)
- ✕ GIW - Gas Injection
- ★ GS - Gas Storage
- ⊙ LA - Location Abandoned
- ⊕ LOC - New Location
- ⚠ OPS - Operation Suspended
- ⊙ PA - Plugged Abandoned

- ⚡ PGW - Producing Gas Well
- POW - Producing Oil Well
- ⊙ RET - Returned APD
- ⚡ SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- ✕ TA - Temp. Abandoned
- TW - Test Well
- ✕ WDW - Water Disposal
- ✕ WIW - Water Injection Well
- WSW - Water Supply Well

0 0.2 Miles



1870calc = approx cement top calculated from well completion report

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**STATE #24-32-8-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**WELLS DRAW UNIT**  
**LEASE #ML-21836**  
**MARCH 16, 2009**

## TABLE OF CONTENTS

LETTER OF INTENT	
COVER PAGE	
TABLE OF CONTENTS	
UIC FORM 1 – APPLICATION FOR INJECTION WELL	
WELLBORE DIAGRAM OF PROPOSED INJECTION	
WORK PROCEDURE FOR INJECTION CONVERSION	
COMPLETED RULE R615-5-1 QUESTIONNAIRE	
COMPLETED RULE R615-5-2 QUESTIONNAIRE	
ATTACHMENT A	ONE-HALF MILE RADIUS MAP
ATTACHMENT A-1	WELL LOCATION PLAT
ATTACHMENT B	LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS
ATTACHMENT C	CERTIFICATION FOR SURFACE OWNER NOTIFICATION
ATTACHMENT E	WELLBORE DIAGRAM – STATE #24-32-8-16
ATTACHMENT E-1	WELLBORE DIAGRAM – GAVILAN STATE #22-32
ATTACHMENT E-2	WELLBORE DIAGRAM – STATE #32-32
ATTACHMENT E-3	WELLBORE DIAGRAM – WELLS DRAW STATE #M-32-8-16
ATTACHMENT E-4	WELLBORE DIAGRAM – STATE #13-32
ATTACHMENT E-5	WELLBORE DIAGRAM – STATE #23-32
ATTACHMENT E-6	WELLBORE DIAGRAM – STATE #33-32-8-16
ATTACHMENT E-7	WELLBORE DIAGRAM – WELLS DRAW FEDERAL #44-31-8-16
ATTACHMENT E-8	WELLBORE DIAGRAM – STATE #14-32-8-16
ATTACHMENT E-9	WELLBORE DIAGRAM – WELLS DRAW #15-32
ATTACHMENT E-10	WELLBORE DIAGRAM – WELLS DRAW #16-32-8-16
ATTACHMENT E-11	WELLBORE DIAGRAM – WELLS DRAW FEDERAL #C-5-9-16
ATTACHMENT E-12	WELLBORE DIAGRAM – WELLS DRAW FEDERAL #11-5-9-16
ATTACHMENT E-13	WELLBORE DIAGRAM – WELLS DRAW #21-5G-9-16
ATTACHMENT E-14	WELLBORE DIAGRAM – WELLS DRAW #31-5G-9-16
ATTACHMENT E-15	WELLBORE DIAGRAM – WELLS DRAW FED #G-5-9-16
ATTACHMENT E-16	WELLBORE DIAGRAM – WELLS DRAW FED #H-5-9-16
ATTACHMENT F	WATER ANALYSIS
ATTACHMENT G	FRACTURE GRADIENT CALCULATIONS
ATTACHMENT G-1	FRACTURE REPORTS DATED 1/8/85, 7/19/89 & 9/5/01
ATTACHMENT H	WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON
ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL



March 16, 2009

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
State #24-32-8-16  
Monument Butte Field, Lease #ML-21836  
Section 32-Township 8S-Range 16E  
Duchesne County, Utah

43 013 31040

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the State #24-32-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg".

Eric Sundberg  
Regulatory Analyst

RECEIVED

MAR 19 2009

DIV. OF OIL, GAS & MINING

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION OF  
NEWFIELD PRODUCTION COMPANY FOR  
ADMINISTRATIVE APPROVAL OF CERTAIN  
WELLS LOCATED IN SECTION 32 & 33,  
TOWNSHIP 8 SOUTH, RANGE 16 EAST;  
SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH,  
RANGE 16 EAST; DUCHESNE COUNTY,  
UTAH, AS CLASS II INJECTION WELLS.

: NOTICE OF AGENCY ACTION

: CAUSE NO. UIC-352

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

Wells Draw Unit:

State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East

Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East

South Monument Butte Unit:

Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East

Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East

South Wells Draw Unit:

South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East

South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East

South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East

Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East

West Point Unit:

Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East

Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East

Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East

West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

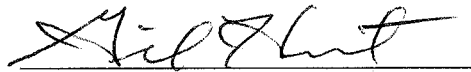
Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of May, 2009.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read "Gil Hunt", written over a horizontal line.

Gil Hunt  
Associate Director



**Newfield Production Company**

**STATE 24-32-8-16, FEDERAL 13-33B-8-16, MONUMENT BUTTE FEDERAL 4-1-9-16,  
MONUMENT BUTTE FEDERAL 6-1-9-16, SOUTH WELLS DRAW 14A-4-9-16, SOUTH WELLS  
DRAW 6-10-9-16, SOUTH WELLS DRAW 12-10-9-16, MONUMENT FEDERAL 33-10-9-16  
MONUMENT FEDERAL 31-6-9-16Y, MONUMENT FEDERAL 42-6-9-16Y, NINE MILE 10-7-9-16,  
WEST POINT FED 14-7-9-16.**

**Cause No. UIC-352**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

Duchesne County Planning  
PO Box 910  
Duchesne, UT 84021

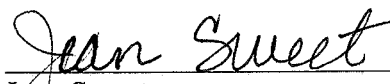
Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via Email [ubs@ubstandard.com](mailto:ubs@ubstandard.com)  
and Facsimile (435) 722-4140

Bruce Suchomel  
US EPA Region VIII  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145  
via Email [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)  
and Facsimile (801) 237-2776

Newfield Production Company  
Rt 3 Box 3630  
Myton UT 84052

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

  
\_\_\_\_\_  
Jean Sweet  
Executive Secretary  
May 21, 2009

# UTAH LEGAL NOTICES

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## NOTICE OF AGENCY ACTION CAUSE NO. **UIC-352**

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS. THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER. Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells: Wells Draw Unit: State 24-32-8-16 well located in SE/4 SW/4, Section 32, Township 8 South, Range 16 East Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East South Monument Butte Unit: Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East South Wells Draw Unit: South Wells Draw 14A-4-9-16 well located in SE/4 SW/4, Section 4, Township 9 South, Range 16 East South Wells Draw 6-10-9-16 well located in SE/4 NW/4, Section 10, Township 9 South, Range 16 East South Wells Draw 12-10-9-16 well located in NW/4 SW/4, Section 10, Township 9 South, Range 16 East Monument Federal 33-10-9-16 well located in NW/4 SE/4, Section 10, Township 9 South, Range 16 East West Point Unit: Monument Federal 31-6-9-16Y well located in NW/4 NE/4, Section 6, Township 9 South, Range 16 East Monument Federal 42-6-9-16Y well located in SE/4 NE/4, Section 6, Township 9 South, Range 16 East Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures. Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company. Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Gil Hunt, Associate Director, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests. Dated this 21st day of May, 2009. STATE OF UTAH DIVISION OF OIL, GAS & MINING /s/ Gil Hunt Associate Director Published in the **Uintah Basin Standard May 26, 2009.**

[Newspaper Administration](#)

**Jean Sweet - Notice of Agency Action - Newfield Cause No. UIC 352**

---

**From:** Jean Sweet  
**To:** ubs@ubstandard.com  
**Date:** 5/21/2009 3:14 PM  
**Subject:** Notice of Agency Action - Newfield Cause No. UIC 352  
**Attachments:** 20090519 Newfield Notice of Agency Action UIC 352 UB Standard.doc

---

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov). Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

# TRANSACTION REPORT

P.01

MAY-21-2009 THU 03:31 PM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:30	PM 14357224140	1' 15"	4	SEND	OK	490	
TOTAL :						1M 15S	PAGES:	4



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

## State of Utah

### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

#### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

### UTAH DIVISION OF OIL, GAS AND MINING FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 435-722-4140

ATTN: Legal Notices

COMPANY: Utah Basin Standard

NUMBER OF PAGES (INCLUDING THIS ONE): 4

FROM: Jean Sweet

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MESSAGES: Please Distribute Thank You.



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*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

May 21, 2009

VIA E-MAIL [ubs@ubstandard.com](mailto:ubs@ubstandard.com)  
and FAX (435) 722-4140

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov). Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure

Jean Sweet - RE: Notice of Agency Action - Newfield UIC 352

---

**From:** "Linda Roberson" <lroberson@mediaoneutah.com>  
**To:** <jsweet@utah.gov>  
**Date:** 5/22/2009 2:23 PM  
**Subject:** RE: Notice of Agency Action - Newfield UIC 352

(Salt Lake Tribune)

Ad 458653 / 5/26 / \$273.80

L. "Anna" Roberson (assisting L. Valdez)

naclegal@mediaoneutah.com

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**From:** Jean Sweet [mailto:jsweet@utah.gov]  
**Sent:** Thursday, May 21, 2009 3:15 PM  
**To:** naclegal@mediaoneutah.com  
**Subject:** Notice of Agency Action - Newfield UIC 352

To whom it may concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov) . Please send proof of publication and billing for **account #D5385340L** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary  
Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

**Jean Sweet - Notice of Agency Action - Newfield UIC 352**

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**From:** Jean Sweet  
**To:** naclegal@mediaoneutah.com  
**Date:** 5/21/2009 3:15 PM  
**Subject:** Notice of Agency Action - Newfield UIC 352  
**Attachments:** 20090519 Newfield Notice of Agency Action UIC 352 SL Trib.doc

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Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

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Utah Div. of Oil, Gas & Mining  
1594 West Temple  
Salt Lake City, UT  
801-538-5329  
[jsweet@utah.gov](mailto:jsweet@utah.gov)

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P.01

MAY-21-2009 THU 03:30 PM

FOR: OIL, GAS &amp; MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-21	03:27 PM	8012372776	2' 45"	4	SEND	OK	489	

TOTAL : 2M 45S PAGES: 4

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GovernorGARY R. HERBERT  
Lieutenant Governor

## State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

## Division of Oil, Gas and Mining

JOHN R. BAZA  
Division DirectorUTAH DIVISION OF OIL, GAS AND MINING  
FACSIMILE COVER SHEET

DATE: 5/21/09

FAX#: 801-237-2776

ATTN: Legal Notices

COMPANY: Salt Lake Tribune

NUMBER OF PAGES (INCLUDING THIS ONE): 4

FROM: Jean Sweet

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MESSAGES: Please publish. Thank you.





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Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

May 21, 2009

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)  
and Fax (801) 237-2776

Salt Lake Tribune  
PO Box 45838  
Salt Lake City, UT 84145

RE: Notice of Agency Action – Newfield Production Company Cause No. UIC 352

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Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



# UTAH LEGAL NOTICES

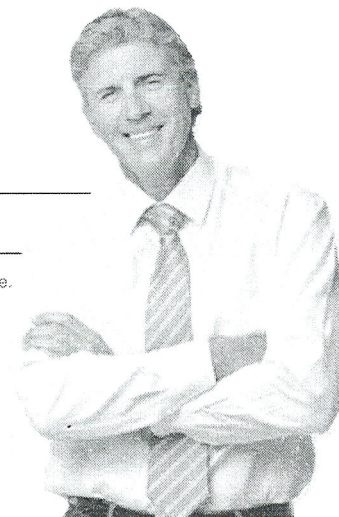
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## NOTICE OF AGENCY ACTION CAUSE NO. UIC-352 , / 2

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DIV OF OIL-GAS & MINING, 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	5/27/2009

ACCOUNT NAME	
DIV OF OIL-GAS & MINING,	
TELEPHONE	ADORDER# / INVOICE NUMBER
8015385340	0000458653 /
SCHEDULE	
Start 05/26/2009	End 05/26/2009
CUST. REF. NO.	
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Start 05/26/2009

End 05/26/2009

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5/27/2009

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BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-352

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company for administrative approval of the following wells:

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State 24-32-8-16 well located in SE/4 SW/4, Section 32 Township 8 South, Range 16 East  
Federal 13-33B-8-16 well located in NW/4 SW/4, Section 33, Township 8 South, Range 16 East  
South Monument Butte Unit:  
Monument Butte Federal 4-1-9-16 well located in NW/4 NW/4, Section 1, Township 9 South, Range 16 East  
Monument Butte Federal 6-1-9-16 well located in SE/4 NW/4, Section 1, Township 9 South, Range 16 East  
South Wells Draw Unit:  
South Wells Draw 14A-4-9-16 well located in SE/4 SW/4 Section 4, Township 9 South, Range 16 East  
South Wells Draw 6-10-9-16 well located in SE/4 NW/4 Section 10, Township 9 South, Range 16 East  
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West Point Unit:  
Monument Federal 31-6-9-16Y well located in NW/4 NE/4 Section 6, Township 9 South, Range 16 East  
Monument Federal 42-6-9-16Y well located in SE/4 NE/4 Section 6, Township 9 South, Range 16 East  
Nine Mile 10-7-9-16 well located in NW/4 SE/4, Section 6 Township 9 South, Range 16 East  
West Point Fed 14-7-9-16 well located in SE/4 SW/4, Section 7, Township 9 South, Range 16 East

Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

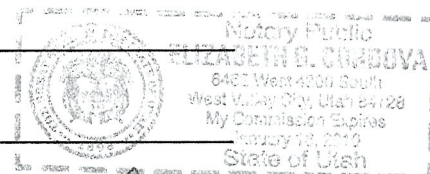
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Dated this 21st day of May, 2009.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/  
Gil Hunt  
Associate Director  
458653

UPAXLF



*[Handwritten Signature]*



# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

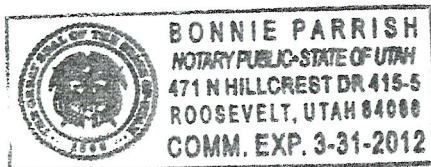
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 26 day of May, 2009, and that the last publication of such notice was in the issue of such newspaper dated the 26 day of May, 2009.

  
\_\_\_\_\_  
Publisher

Subscribed and sworn to before me this

28 day of May, 2009

  
\_\_\_\_\_  
Notary Public



COPY

## NOTICE OF AGENCY ACTION CAUSE NO. UIC-352

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES

STATE OF UTAH  
IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 32 & 33, TOWNSHIP 8 SOUTH, RANGE 16 EAST; SECTIONS 4, 6, 7, 10, TOWNSHIP 9 SOUTH, RANGE 16 EAST; DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

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Dated this 21st day of May, 2009.

STATE OF UTAH  
DIVISION OF OIL,  
GAS & MINING  
/s/ Gil Hunt  
Associate Director  
Published in the Uintah  
Basin Standard May 26,  
2009.

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team, and was also  
borhood paper boy  
always perfect whe  
rolled-up newspaper  
his bike to our porch  
he couldn't do the s  
on the basketball  
was a good dribbler,  
passes and I enjoy  
him do his best on



June 10, 2009

Mr. Dan Jarvis  
State of Utah  
Division of Oil, Gas and Mining  
Post Office Box 145801  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
State #24-32-8-16  
Monument Butte Field, Lease #ML-21836  
Section 32-Township 8S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the State #24-32-8-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

Newfield Production Company is resubmitting the following pages to correct the proposed injection interval. The previous application submitted on March 16, 2009, listed the interval from 4227'-5806'. The correct proposed injection interval is from 4312'-6158'. If you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg".

Eric Sundberg  
Regulatory Analyst

**RECEIVED**

**JUN 15 2009**

**DIV. OF OIL, GAS & MINING**

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** State 24-32-8-16

**Location:** 32/8S/16E      **API:** 43-013-31040

**Ownership Issues:** The proposed well is located on State of Utah land. The well is located in the Wells Draw Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface mineral and leaseholders in the half-mile radius. Newfield is the operator of the Wells Draw Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 292 feet and has a cement top at the surface. A 5½ inch production casing is set at 6,201 feet. A cement bond log demonstrates adequate bond in this well up to 4246 feet. A 2 7/8 inch tubing with a packer will be set at 4,327. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 9 producing wells and 5 injection wells in the area of review. All of the wells have evidence of adequate casing and cement.

**Ground Water Protection:** According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 700 feet. Injection shall be limited to the interval between 4362 feet and 6158 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 24-32-8-16 well is 0.72 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,466 psig. The requested maximum pressure is 1,466 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any groundwater present should be adequately protected.

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Wells Draw Unit on December 1, 1993. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the State of Utah

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

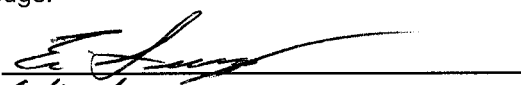
Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date 6/11/2009

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: <u>State #24-32-8-16</u>	
Field or Unit name: <u>Monument Butte (Green River), Wells Draw Unit</u>	Lease No. <u>ML-21836</u>
Well Location: QQ <u>SE/SW</u> section <u>32</u> township <u>8S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? ..... Yes [ X ] No [ ]	
Will the proposed well be used for: Enhanced Recovery? ..... Yes [ X ] No [ ]	
Disposal? ..... Yes [ ] No [ X ]	
Storage? ..... Yes [ ] No [ X ]	
Is this application for a new well to be drilled? ..... Yes [ ] No [ X ]	
If this application is for an existing well, has a casing test been performed on the well? ..... Yes [ ] No [ X ]	
Date of test: _____	
API number: <u>43-013-31040</u>	
Proposed injection interval: from <u>4362</u> to <u>6158</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1466</u> psig	
Proposed injection zone contains [ x ] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Regulatory Analyst</u>	Date: <u>6/10/09</u>
Phone No. <u>(303) 893-0102</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	

Comments:

RECEIVED  
JUN 15 2009  
DIV. OF OIL, GAS & MINING



# State #24-32-8-16

Spud Date: 11/28/84  
Put on Production: 1/26/85  
GL: 5776' KB: 5790'

Initial Production: 84 BOPD,  
50 MCFD, 0 BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 292'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: To surface with 175 sx "H" cmt with 2% CaCl.

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
DEPTH LANDED: 6201' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 415 sxs Class "G" with 10% Gyp-seal.  
CEMENT TOP: 4150' per CBL

### TUBING

SIZE/GRADE/WT: 2-7/8", J-55 tbg.  
NO. OF JOINTS: 184 jts. (5921.18')  
TUBING ANCHOR: 2.80' @ 5934.68'  
NO. OF JOINTS: 2 jts. (60.83')  
SEATING NIPPLE: 1.10'  
SN AT: 5998.31'  
NO. OF JOINTS: 1 jt. (30.03')  
TOTAL STRING LENGTH: EOT @ 6029.89'

### FRAC JOBS

01/10/85	5496'-5608'	Acidize w/100 bbl KCL fluid, good ball action, drop to 70 bbl, broke dn @ 3900 w/7 bpm. Frac w/30,000 gal pad, 64,000 gal gelled 5% KCL wtr with 20/40 mesh sd as proppant. ISIP 2050 psi.
07/89	5196'-5464'	Frac w/ 94,000# 20/40 mesh sand as proppant with 1,000 gal gelled 5% KCL. ISIP 1500 psi.
07/89	4920'-4950'	Frac w/ 74,000# 20/40 mesh sand as proppant with 945 gal gelled 5% KCL. ISIP 2000 psi.
06/04/99		Pump change.
05/08/01		Tubing leak.
09/07/01	5834'-6015'	Frac w/ 70,100# 20/40 sand in 457 bbl. Viking I-25 fluid. Avg. treating press. 3725 psi. @ 17.4 BPM. ISIP 2030 psi. Flowed 4 hrs. then died.
09/10/01	5642'-5694'	Frac w/ 17,964# 20/40 sand in 378 bbl. Viking I-25 fluid. Perfs communicated up with est. 13,278# sand in perfs and 4,686# sand in tubing. <b>Abort frac on LODC.</b>
09/12/01	4362'-4368'	Frac w/ 34,061# 20/40 sand in 319 bbl. Viking I-25 fluid. Avg. treating press. 2525 psi. @ 29.9 BPM. ISIP 2260 psi. Flowed 3 hrs. then died.
11/18/04		Pump change. Updated rod and tubing detail.
1/30/06		Tubing leak. Update rod and tubing details.
1-21-08		Major Workover. Updated rod & tubing details.

### PERFORATION RECORD

1/09/85	5496'-5506'	5	holes
1/09/85	5510'-5520'	5	holes
1/09/85	5536'-5544'	5	holes
1/09/85	5548'-5556'	5	holes
1/09/85	5566'-5608'	28	holes
7/89	5196'-5206'		
7/89	5368'-5378'		
7/89	5426'-5430'		
7/89	5450'-5454'		
7/89	5456'-5458'		
7/89	5462'-5464'		
7/89	5496'-5506'		
7/89	5510'-5520'		
7/89	5536'-5544'		
7/89	5548'-5556'		
7/89	5566'-5608'		
7/89	5642'-5658'		
7/89	5676'-5678'		
7/89	5686'-5694'		
7/89	5834'-5836'		
7/89	5851'-5854'		
7/89	5987'-5996'		
7/89	6012'-6015'		
9/6/01	6021'-6015'	4	SPF 12 holes
9/6/01	5987'-5996'	4	SPF 36 holes
9/6/01	5851'-5854'	4	SPF 12 holes
9/6/01	5834'-5836'	4	SPF 08 holes
9/6/01	5686'-5694'	4	SPF 32 holes
9/6/01	5676'-5678'	4	SPF 08 holes
9/6/01	5642'-5658'	4	SPF 64 holes
9/6/01	4362'-4368'	4	SPF 24 holes

**NEWFIELD**

State #24-32-8-16  
758' FSL & 2016' FWL  
SE/SW Section 32-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31040; Lease #ML-21836

Packer @ 4327'

Top of Fill @ 6070'

SHOE /PBD 6158'

TD @ 6200'

## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the State #24-32-8-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the State #24-32-8-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (4312' -6158'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3895' and the TD is at 6200'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the State #24-32-8-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #ML-21836) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 292' KB, and 5-1/2", 17# casing run from surface to 6201' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1466 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the State #24-32-8-16, for existing perforations (4362' - 6015') calculates at 0.72 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1466 psig. We may add additional perforations between 4312' and 6158'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the State #24-32-8-16, the proposed injection zone (<sup>4362</sup>~~4312~~' - 6158') is in the Garden Gulch to Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-16.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

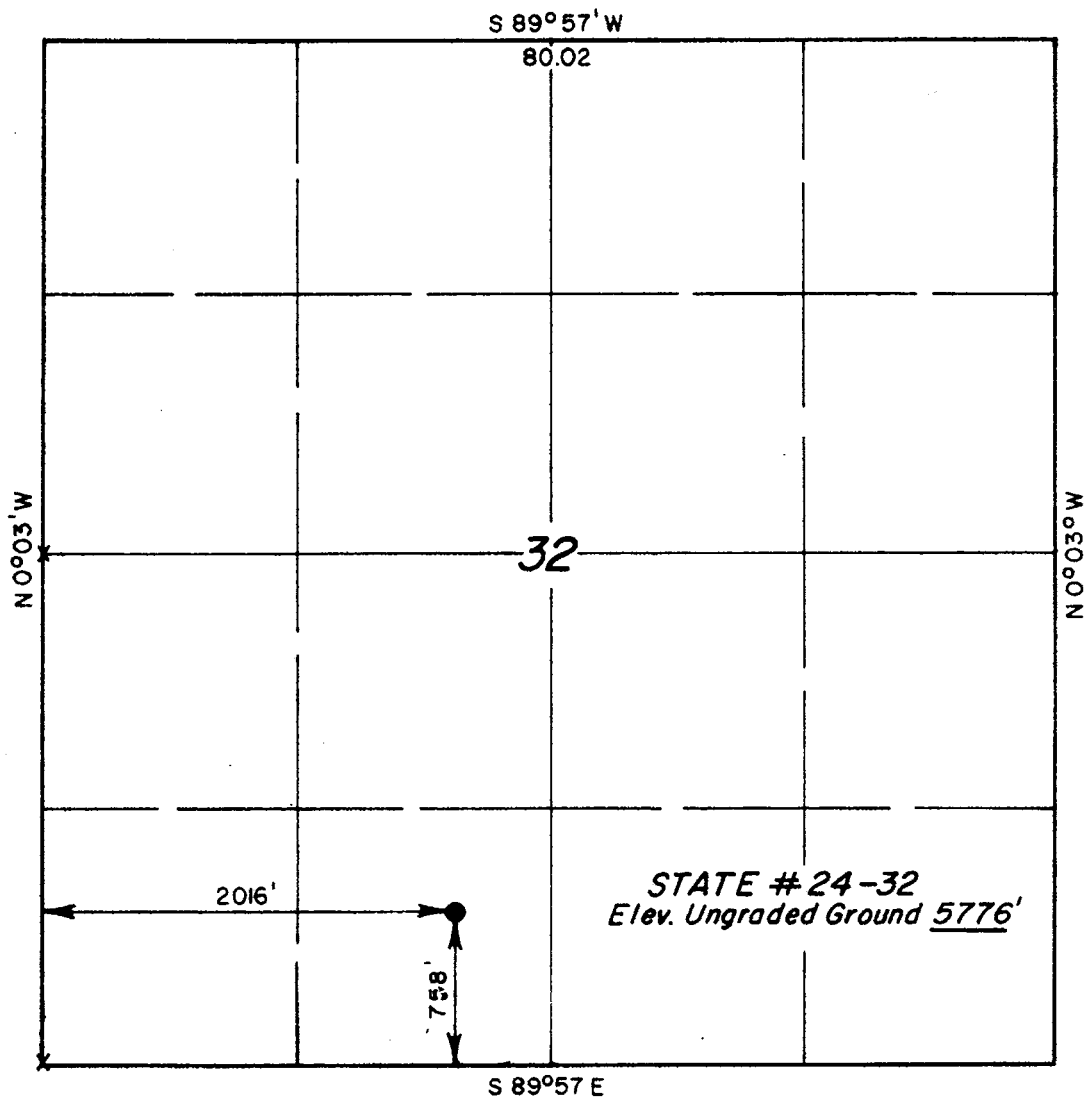
Newfield Production Company will supply any requested information to the Board or Division.







**T8S, R16E, S.L.B. & M.**



X = Section Corners Located

PROJECT

**ROSELAND OIL & GAS INC.**

Well location, **STATE # 24-32**,  
located as shown in the SE 1/4 SW 1/4  
Section 32, T8S, R16E, S.L.B. & M.,  
Dushesne County, Utah

Attachment A-1



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Kane*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 5709  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	11-8-84
PARTY	RK, JF DLS	REFERENCES	GLO Plat
WEATHER	RAIN	FILE	UINTAH



EXHIBIT B  
Page 1 of 4

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	<u>Township 8 South, Range 16 East</u> Section 32: All	ML-21836 HBP	Newfield Production Company 1001 17 <sup>th</sup> Street Suite 2000 Denver, Co 80202 Producers Pipeline Corp 14531 Highway 377 South Fort Worth, TX 76126 Gavilan Petroleum Inc. PO Box 1329 Park City, UT 84060 Dall Cook 2040 E 4500 South Vernal, UT 84078	(Surface Rights) STATE
2.	<u>Township 9 South, Range 16 East</u> Section 4: Lots 1-4, S2N2 Section 5: Lots 1-3, S2NE4, SENW, NESW	UTU-30096 HBP	Newfield Production Company Newfield RMI, LLC 1001 17 <sup>th</sup> St. Suite 2000 Denver, CO 80202	(Surface Rights) USA

## EXHIBIT B

Page 2 of 4

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
3.	<u>Township 9 South, Range 16 East</u> Section 5: SWNW, Lot 4	UTU-69744 HBP	Newfield Production Compnay 1001 17 <sup>th</sup> Street Suite 2000 Denver, CO 80202 Producers Pipeline 14531 Highway 377 South Fort Worth, TX 76126	(Surface Rights) USA
6.	<u>Township 9 South, Range 16 East</u> Section 6: All Section 7: All Section 8: W2 Section 17: NW Section 18: NE, E2NW Section 18: Lots 1 & 2	UTU-74390 HBP	Newfield Production Co. 1001 17 <sup>th</sup> Street Suite 2000 Denver, CO. 80202 ABO Petroleum Corporation Myco Industries Yates Petroleum Corp. Yates Drilling Company 105 South Fourth St. Artesia, NM 88210 Newfield RMI 1001 17 <sup>th</sup> Street Suite 2000 Denver, Co 80202	(Surface Rights) USA

## EXHIBIT B

Page 3 of 4

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
4.	<u>Township 8 South, Range 16 East</u> Section 31: SESE	UTU 77337 HBP	Newfield Production Co 1001 17 <sup>th</sup> Street Suite 2000 Denver, CO 80202 HC Buie PO Box 1116 Tyler, TX. 75710 James Fischer 111 E. Elm Tyler, TX. 75702 Four M Company PO Box 1209 Kilgore, TX 75662 Z Greenberg Trust PO BOX 4818 Tyler, TX 75710 Michael D. Lewis 526 S. Chilton Tyler, TX 75701 Margaret Merritt PO Box 1209 Kilore, TX 75662 Merritt Oil & Gas PO Box 1209 Kilgore, TX 75662	(Surface Rights) USA

## EXHIBIT B

Page 4 of 4

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5.	<u>Township 8 South, Range 16 East</u> Section 31: NE, E2NW, NESW, N2SE, SWSE Section 31: Lots 1-4	UTU-74389 HBP	Newfield Production Co. 1001 17 <sup>th</sup> Street Suite 2000 Denver, CO. 80202 ABO Petroleum Corporation Myco Industries Yates Drilling Co Yates Petroleum Corp. 105 South Fourth St. Artesia, NM 88210 Newfield RMI 1001 17 <sup>th</sup> Street Suite 2000 Denver, Co 80202	(Surface Rights) USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
State #24-32-8-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: \_\_\_\_\_

*Eric Sundberg*  
Newfield Production Company  
Eric Sundberg  
Regulatory Analyst

Sworn to and subscribed before me this 16<sup>th</sup> day of March, 2009.

Notary Public in and for the State of Colorado: \_\_\_\_\_

*Candice L. Twitty*

My Commission Expires: 2/10/2013



## State #24-32-8-16

Spud Date: 11/28/84  
Put on Production: 1/26/85  
GL: 5776' KB: 5790'

Initial Production: 84 BOPD,  
50 MCFD, 0 BWPD

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SEATING NIPPLE: 1.10'  
SN AT: 5998.31'  
NO. OF JOINTS: 1 jt. (30.03')  
TOTAL STRING LENGTH: EOT @ 6029.89'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' polished rod.  
SUCKERED ROD: 1-4" X3/4" pony rod, 59-3/4" guided rod, 116-3/4" plain rod,  
49-3/4" guided rod, 4-1 1/2" weight rod  
PUMP SIZE: 2-1/2" x 1-1/2" x 14' RHAC pump  
STROKE LENGTH: 76"  
PUMP SPEED, SPM: 4 1/2 SPM

FRAC JOBS

01/10/85	5496'-5608'	Acidize w/100 bbl KCL fluid, good ball action, drop to 70 bbl, broke dn @ 3900 w/7 bpm. Frac w/30,000 gal pad, 64,000 gal gelled 5% KCL wtr with 20/40 mesh sd as proppant. ISIP 2050 psi.
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9/6/01	5642'-5658'	4 SPF 64 holes
9/6/01	4362'-4368'	4 SPF 24 holes

SN @ 5998'

EOT @ 6030'

Top of Fill @ 6070'

SHOE/PBTD 6158'

TD @ 6200'

**NEWFIELD**

State #24-32-8-16  
758' FSL & 2016' FWL  
SE/SW Section 32-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31040, Lease #ML-21836

Spud Date: 6/12/86  
Put on Production: 1/21/87  
Work-over: 4/05/01  
GL: 5702' KB: 5717'

## Gavilan State #22-32

Initial Production: 106 BOPD,  
136 MCFD, 30 BWPD

Post Work-over avg. daily  
Production: 28 BOPD, 35.5  
MCFD, 28 BWPD

## Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 325'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 190 sxs "G" cello flake, 2% CACL2

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
DEPTH LANDED: 6233' RKB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 110 sxs lodense & 570 sxs Class "G"  
CEMENT TOP: 3186' per CBL

## TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 195 jts. (6050.02)  
TUBING ANCHOR: 6060.02' KB  
NO. OF JOINTS: 1 jt. (32.38')  
SEATING NIPPLE: 1.10' 2-7/8"  
SN LANDED AT: 6095.15'  
NO. OF JOINTS: 1 jt. (28.65')  
TOTAL STRING LENGTH: 6125.35' w/10' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" X 22' Polished Rod  
ROD DETAIL: 6-1-1/2" weight rods, 20-3/4" scraped rods, 117 -3/4" plain rods, 99-3/4" scraped rods, 1- 2', 1-4' 1- 6' x 3/4" pony rod.  
PUMP SIZE: 2-1/2" X 1-1/2" X 14" RHAC  
STROKE LENGTH: 60"  
PUMP SPEED, SPM: 3 1/2 spm

## FRAC JOB

10/4/86 5612'-5644' Frac w/198,000# 20/40 sand in 1,333 bbl frac fluid. Max TP 3190 @ 30 bpm. Avg TP 2400 @ 30 bpm. ISIP 2380. Flowed 6-1/2 hrs on 8 to 20 ck.

1/14/87 5426'-5590' Frac w/199,000# 20/40 sand in 1,435 bbls frac fluid. Avg inj rate @ 35 bpm. ISIP 1850. Well SI for 14 hours, flowback on 40/64" ck.

6/07/89 5358'-5370' Frac w/ 68,000# 20/40 sd 726 bbl frac fluid. Formation broke dn @ 2000 psi. Ave press 2450 psi @ 30 bpm, ISIP 1972 psi.

6/10/89 5286'-5290' Frac w/ 68,000# 20/40 sd & 726 bbl. frac fluid. Formation broke dn @ 3044 psi. Ave press 2250 psi @ 30 bpm. ISIP 2275.

6/10/89 5008'-5022' Frac w/ 70,000# 20/40 sd & 786 bbl frac fluid. Formation broke dn @ 2910 psi. Ave press 2025 psi @ 30 bpm. ISIP 2106 psi.

4/9/01 6072'-6166' Frac w/ 107,680# 20/40 sd & 676 bbl Viking I-25 fluid. Formation broke dn @ 4100 psi. Ave press 3800 psi @ 13.7 bpm. ISIP 2300 psi.

4/10/01 5823'-6005' Frac w/ 169,390# 20/40 sd & 984 bbl Viking I-25 fluid. Ave press 3500 psi @ 14.7 bpm. ISIP 2000 psi.

4/11/01 4457'-4464' Frac w/ 28,890# 20/40 sd & 208 bbl Viking I-25 fluid. Formation broke dn @ 3196 psi. Ave press 3250 psi @ 14.0 bpm. ISIP 2275 psi.

11/14/01 Pump change. Update rod and tubing details.

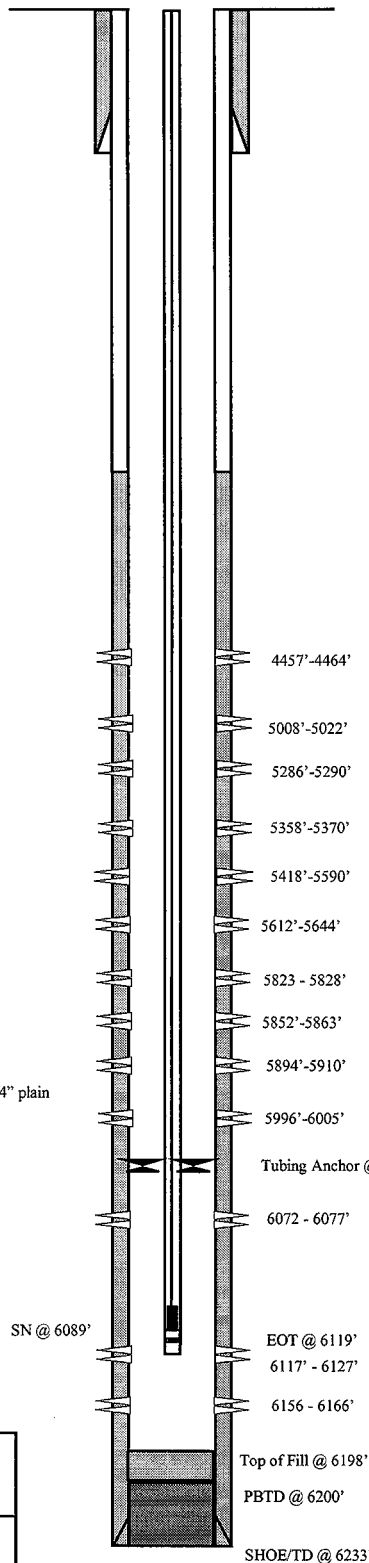
2/28/02 Pump change. Update rod and tubing details.

8/6/03 Parted Rods. Update rod details.

12/23/05 Parted rods. Update rod and tubing details.

## PERFORATION RECORD

10/3/86	5638'-5644'	2 SPF	12 holes
10/3/86	5622'-5630'	2 SPF	16 holes
10/3/86	5612'-5616'	2 SPF	8 holes
1/13/87	5578'-5590'	2 SPF	24 holes
1/13/87	5568'-5574'	2 SPF	12 holes
1/13/87	5540'-5558'	2 SPF	36 holes
1/13/87	5526'-5536'	2 SPF	20 holes
1/13/87	5512'-5520'	2 SPF	16 holes
1/13/87	5504'-5508'	2 SPF	8 holes
1/13/87	5495'-5497'	2 SPF	4 holes
1/13/87	5482'-5484'	2 SPF	4 holes
1/13/87	5452'-5454'	2 SPF	4 holes
1/13/87	5418'-5422'	2 SPF	8 holes
1/13/87	5438'-5440'	2 SPF	4 holes
1/13/87	5430'-5436'	2 SPF	12 holes
1/13/87	5426'-5428'	2 SPF	4 holes
6/07/89	5358'-5370'	4 SPF	48 holes
6/10/89	5286'-5290'	4 SPF	48 holes
6/10/89	5008'-5022'	4 SPF	56 holes
4/07/01	6156'-6166'	4 SPF	40 holes
4/07/01	6117'-6127'	4 SPF	40 holes
4/07/01	6072'-6077'	4 SPF	20 holes
4/07/01	5996'-6005'	4 SPF	36 holes
4/07/01	5894'-5910'	4 SPF	64 holes
4/07/01	5852'-5863'	4 SPF	44 holes
4/07/01	5823'-5828'	4 SPF	20 holes
4/07/01	4457'-4464'	4 SPF	28 holes



State #22-32  
1994' FWL & 2134' FNL  
SENW Section 32-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31168; Lease #ML-21836

## State #32-32

Spud Date: 9/26/84  
Put on Production: 11/8/84  
GL: 5711' KB: 5726'

Initial Production: 98 BOPD,  
50 MCFPD, 18 BWPD

SURFACE CASING

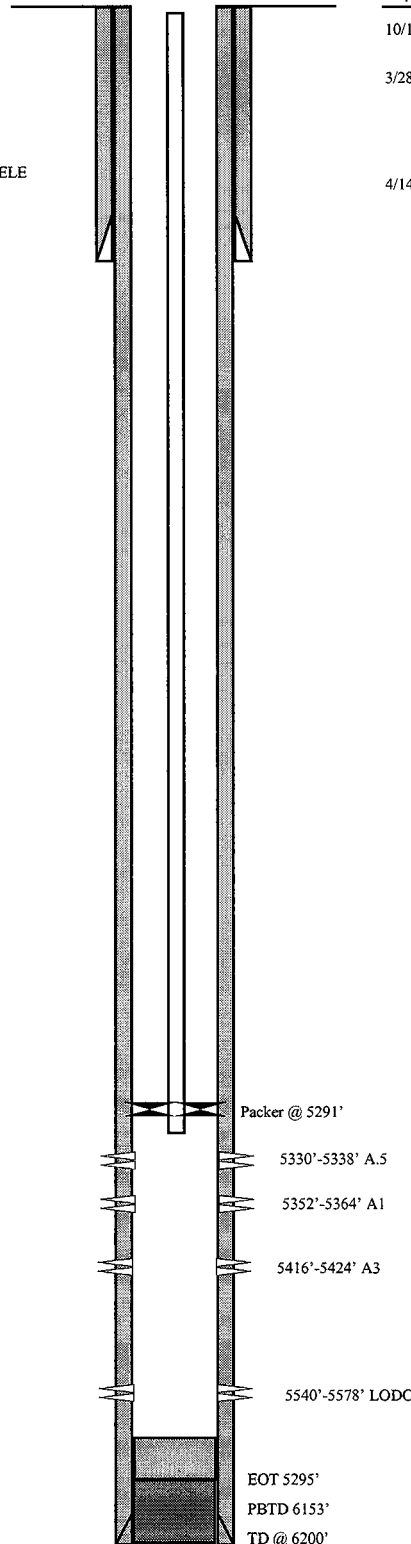
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 290'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 190 sxs Class "A" 2% CACL 2 AND 1/4# FLOCELE

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
DEPTH LANDED: 6196'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 415 sxs Class "G" 10% Gypseal

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 173 jts.  
PACKER: 5291'  
SEATING NIPPLE: 2-7/8"  
TOTAL STRING LENGTH: 5295'  
SN LANDED AT: 5286'

Injection Wellbore  
DiagramFRAC JOB

10/15/84	5540'-5578'	Frac w/17,000 gal pad, 35,000 gal gelled 5% KCL & 20/40 mesh sand.
3/28/85	5330'-5364'	Frac w/126,200# 20/40 sd in 31,650 gal frac. 130 bbls flush. Max press 2670 @ 30 bpm. Avg press 1950 @ 30 bpm. ISIP 2210, 5 min 1810, 10 min 1650, 15 min 1590.
4/14/00	5416'-5424''	Break perms with 3000 psi.

PERFORATION RECORD

10/15/84	5540'-5578'	1 SPF	39 holes
3/27/85	5330'-5338'	2 SPF	16 holes
3/27/85	5352'-5364'	2 SPF	24 holes
4/13/00	5416'-5424'	4 SPF	32 holes



State #32-32  
Celsius Energy Co.  
2140 FNL 1980 FEL  
SWNE Section 32-T8S-R16E  
Duchesne Co, Utah  
API #43-013-30993; Lease #ML-21836



## Wells Draw State M-32-8-16

Spud Date: 12-19-06  
Put on Production: 2-5-07

GL: 5754' KB: 5766'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (287.24')  
DEPTH LANDED: 299.09' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 7 bbls cmt to surf.

**PRODUCTION CASING**

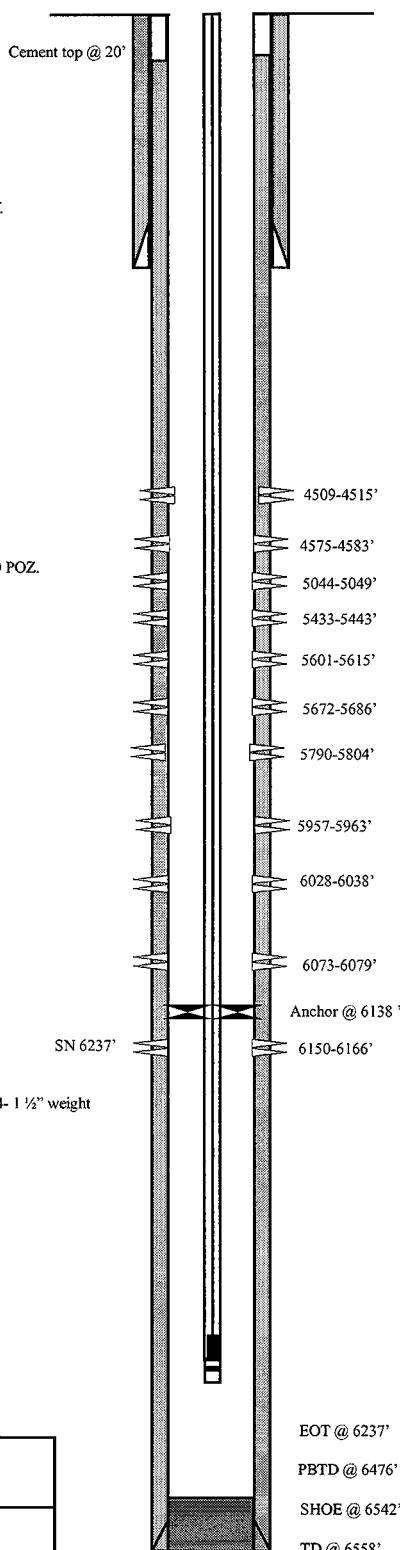
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 156 jts. (6528.88')  
DEPTH LANDED: 6542.13' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 20'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 194 jts (6125.68')  
TUBING ANCHOR: 6137.68' KB  
NO. OF JOINTS: 1 jts (31.62')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6172.10' KB  
NO. OF JOINTS: 2 jts (63.18')  
TOTAL STRING LENGTH: EOT @ 6236.83' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 26' SM  
SUCKER RODS: 2' x 7/8" pony rods, 242- 7/8" scraped rods, 4- 1 1/2" weight bars.  
PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC w/SM plunger  
STROKE LENGTH: 123"  
PUMP SPEED, SPM: 5 SPM

**Wellbore Diagram**

Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

01-24-07	6150-6166'	<b>Frac CP3 sands as follows:</b> 20239# 20/40 sand in 443 bbls Lightning 17 frac fluid. Treated @ avg press of 2745 psi w/avg rate of 25.1 BPM. ISIP 2348 psi. Calc flush: 6148 gal. Actual flush: 5670 gal.
01-24-07	5957-6038'	<b>Frac CP.5, &amp; CP2 sands as follows:</b> 45313# 20/40 sand in 448 bbls Lightning 17 frac fluid. Treated @ avg press of 1927 psi w/avg rate of 25.2 BPM. ISIP 2077 psi. Calc flush: 5955 gal. Actual flush: 5460 gal.
01-24-07	5601-5804'	<b>Frac LODC sands as follows:</b> 100646# 20/40 sand in 716 bbls Lightning 17 frac fluid. Treated @ avg press of 2780psi w/avg rate of 25 BPM. ISIP 3553 psi. Calc flush: 5599 gal. Actual flush: 5292 gal.
01-29-07	5433-5443'	<b>Frac A .5 sands as follows:</b> 85362# 20/40 sand in 647 bbls Lightning 17 frac fluid. Treated @ avg press of 2350 w/ avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 5431 gal. Actual flush: 4914 gal.
01-30-07	5044-5049'	<b>Frac D1 sands as follows:</b> 20395# 20/40 sand in 379 bbls Lightning 17 frac fluid. Treated @ avg press of 2425 w/ avg rate of 24.3 BPM. ISIP 2325 psi. Calc flush: 5431 gal. Actual flush: 4914 gal.
01-30-07	4509-4583'	<b>Frac GB4, &amp; GB6 sands as follows:</b> 47204# 20/40 sand in 379 bbls Lightning 17 frac fluid. Treated @ avg press of 1965 w/ avg rate of 14.4 BPM. ISIP 2300 psi. Calc flush: 4507 gal. Actual flush: 4410 gal.

**PERFORATION RECORD**

01-09-07	6150-6166'	4 JSPF	64 holes
01-24-07	6073-6079'	4 JSPF	24 holes
01-24-07	6028-6038'	4 JSPF	40 holes
01-24-07	5957-5963'	4 JSPF	24 holes
01-24-07	5790-5804'	4 JSPF	56 holes
01-24-07	5672-5686'	4 JSPF	56 holes
01-24-07	5601-5615'	4 JSPF	56 holes
01-29-07	5433-5443'	4 JSPF	40 holes
01-29-07	5044-5049'	4 JSPF	20 holes
01-30-07	4575-4583'	4 JSPF	32 holes
01-30-07	4509-4515'	4 JSPF	24 holes

**NEWFIELD****Wells Draw State M-32-8-16**

1994' FSL &amp; 2008' FEL

NW/SE Section 32-T8S-R16E

Duchesne Co, Utah

API # 43-013-33222; Lease # ML-21836

EOT @ 6237'  
PBTD @ 6476'  
SHOE @ 6542'  
TD @ 6558'

Spud Date: 6/28/1985  
Put on Production: 9/6/1985  
GL: 5901' KB: 55911'

## State #13-32

Initial Production: 50 BOPD, 39 MCFD, 0 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 264'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 185 sxs Class "H" cmt,

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
LENGTH: 6002'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 316 sx light weight (Dowell)

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 174 jts (5630.87')  
TUBING ANCHOR: 5644.87'  
NO. OF JOINTS: 1 jt (32.28') (5647.66')  
SEATING NIPPLE: 2-3/8" (1.10')  
SN LANDED AT: 5679.94'  
NO. OF JOINTS: 1 perf jt (31.30') (5681.04')  
NO. OF JOINTS: 2 jts (63.65') (5712.34')  
TOTAL STRING LENGTH: EOT @ 5776.44'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 4-1-1/2" weight bars, 38-3/4" scraped rods, 98-3/4" plain rods, 86-3/4" scraped rods, 2-6' x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15.5' RHAC w/12' Diptube  
STROKE LENGTH: 74"  
PUMP SPEED, SPM: 4 SPM  
LOGS: SFL, CNL, DIL, Gamma Ray, CBL, DLL

FRAC JOBS

8/9/85 5527'-5624' **Frac sands as follows:**  
210,000# 20/40 sand in 1560 bbls fluid.  
Treated @ avg press of 2600 psi w/ avg rate of 50 BPM. ISIP 2250 psi.

12/3/86 5256'-5273' **Frac A sands as follows:**  
94,000# 20/40 sand in 404 bbls fluid.  
Treated @ avg press of 1900 psi w/ avg rate of 25 BPM. ISIP 2120 psi.

12/3/86 5012'-5024' **Frac D sands as follows:**  
94,000# 20/40 sand in 404 bbls fluid.  
Treated @ avg press of 2300 psi w/ avg rate of 25 BPM. ISIP 2180 psi.

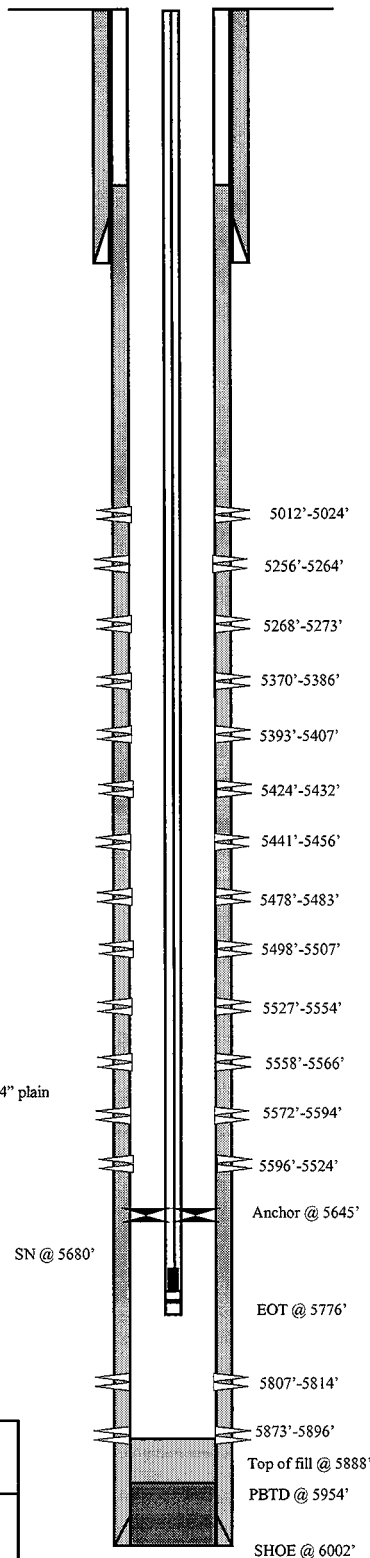
4/24/01 5807'-5896' **Frac CP-0.5, CP-2 sands as follows:**  
107,400# 20/40 sand in 659 bbls Viking 1-25 Fluid. Treated @ avg press of 3870 psi w/ avg rate of 14.5 BPM. ISIP 2000 psi. Flow back on 12/64 choke for 5.5 hrs & died.

4/26/01 5370'-5507' **Frac LODC-2 sands as follows:**  
193,538# 20/40 sand in 1295 bbls Viking 1-25 Fluid. Treated @ avg press of 3225 psi w/ avg rate of 15.2 BPM. Screened out.

8/9/01 Tubing job. Update rod and tubing details.  
9/6/01 Pump change. Update rod and tubing details.  
2/13/03 Parted Rods. Update rod details.  
2/24/04 Tubing leak.  
11/17/04 Parted rods. Update rod and tubing detail.  
12/10/04 Parted rods. Update rod and tubing detail.

PERFORATION RECORD

8/09/85	5596'-5624'	3 JSPF	84 holes
8/09/85	5572'-94'	3 JSPF	66 holes
8/09/85	5558'-66'	3 JSPF	24 holes
8/09/85	5527'-54'	3 JSPF	81 holes
12/3/86	5268'-73'	3 JSPF	15 holes
12/3/86	5256'-64'	3 JSPF	24 holes
12/3/86	5012'-24'	3 JSPF	36 holes
4/24/01	5873'-96'	4 JSPF	92 holes
4/24/01	5807'-14'	4 JSPF	28 holes
4/25/01	5498'-5507'	4 JSPF	36 holes
4/25/01	5478'-83'	4 JSPF	20 holes
4/25/01	5441'-56'	4 JSPF	60 holes
4/25/01	5424'-32'	4 JSPF	32 holes
4/25/01	5393'-5407'	4 JSPF	56 holes
4/25/01	5370'-86'	4 JSPF	64 holes



State #13-32  
779' FWL & 1792' FSL  
NW/SW Section 32-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31112; Lease #ML-21836

## State #23-32

Spud Date: 12/10/84  
Put on Production: 1/29/85  
GL: 5750' KB: 5765'

Initial Production: 15 BOPD,  
15 MCFD, 0 BWPD

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 292'  
HOLE SIZE: 10-3/4"  
CEMENT DATA: Cmt to sfc

## PRODUCTION CASING

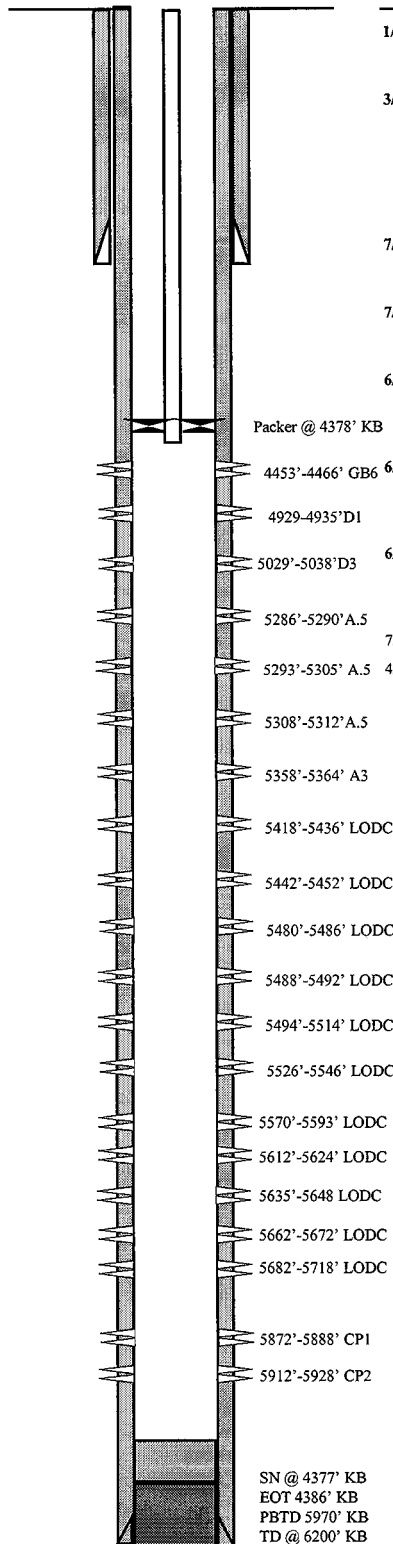
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
DEPTH LANDED: 6202' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 415 sx gypseal

## TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 143 jts. (4363.39')  
SEATING NIPPLE: 1.10'x2-7/8"  
SN LANDED AT: 4377.89' KB  
TUBING PACKER: @ 4378.99' KB  
TOTAL STRING LENGTH: EOT @ 4386.37' KB

## Injection

## Wellbore Diagram



## FRAC JOBS

1/12/85	5872'-5928'	Frac w/ 10,000 gal pad, 22,000 gal gelled 5% KCL wtr w/121,000# 20/40 sd, 144 bbls flush.
3/14/85	5570'-5718'	Frac w/ 300,000# 20/40 sd in 76,000 gal frac. 134 bbls 3% KCL wtr w/claystay flush. Max tbg press 3060 psi @ 51.5 bpm. Avg tbg press 2680 psi @ 50 bpm. ISIP 1930, 5 min 1750 psi, 10 min 1690, 15 min 1630. Flowback on 22/64" ck. Flowed 15 bbls load wtr in 1 hr.
7/13/89	5418'-5546'	Frac w/ 170,000# 20/40 sd in 2000 bbls gelled 2% KCl fluid. ATP 1850 psi; ATR 45 BPM. ISIP 1540 psi.
7/14/89	5286'-5364'	Frac w/ 74,000# 20/40 sd in 881 bbls gelled 2% KCl fluid. ATP 2100 psi; ATR 37 BPM. ISIP 1850 psi.
6/8/00	4929'-5038'	Frac w/ 42,833# 20/40 sd in 246 bbls Viking I-25 fluid. ATP 3000 psi; ATR 23 BPM. Screened out w/ 6.2# sand on perfs. Est. 19,058# sand in formation.
6/13/00	4929'-5038'	Re-Frac w/ 78,781# 20/40 sd in 425 bbls Viking I-25 fluid. ATP 3200 psi; ATR 42 BPM. Screened out w/ 7.9# sand on perfs. Est. 64,014# sand in formation.
6/13/00	4453'-4466'	Frac w/ 37,495# 20/40 sand in 310 bbls Viking I-25 fluid. ATP 2300 psi; ATR 19.2 BPM. ISIP 3950 psi. Flow back on 12/64" choke for 2-1/2 hrs.
7/28/00		Pump change. Update rod and tubing details.
4/11/01		Convert to injector

## PERFORATION RECORD

1/10/85	5912'-5928'	1 SPF	16 holes
1/10/85	5872'-5888'	1 SPF	16 holes
3/11/85	5682'-5718'	1 SPF	36 holes
3/11/85	5662'-5672'	1 SPF	10 holes
3/11/85	5635'-5648'	1 SPF	26 holes
3/11/85	5612'-5624'	1 SPF	12 holes
3/11/85	5570'-5593'	1 SPF	23 holes
7/13/89	5526'-5546'	4 SPF	80 holes
7/13/89	5494'-5514'	4 SPF	80 holes
7/13/89	5488'-5492'	4 SPF	20 holes
7/13/89	5480'-5486'	4 SPF	24 holes
7/13/89	5442'-5452'	4 SPF	40 holes
7/13/89	5418'-5436'	4 SPF	72 holes
7/14/89	5358'-5364'	4 SPF	24 holes
7/14/89	5308'-5312'	4 SPF	16 holes
7/14/89	5293'-5305'	4 SPF	48 holes
7/14/89	5286'-5290'	4 SPF	16 holes
6/06/00	4929-4935'	4 SPF	24 holes
6/06/00	5029'-5038'	4 SPF	36 holes
6/13/00	4453'-4466'	4 SPF	52 holes



State #23-32-8-16  
1909' FSL & 2030' FWL  
NESW Section 32-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31041; Lease #ML-21836

## State #33-32-8-16

Spud Date: 2/3/87  
Put on Production: 3/16/87  
GL: 5757' KB: 5772'

Initial Production: 18 BOPD, 16 MCFD, 0 BWPD

IP (5/19/00): 11 BOPD, 13 MCFD, 28 BWPD

## Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: ?  
WEIGHT: 32#  
DEPTH LANDED: 316'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 215 sxs Class "G"

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
DEPTH LANDED: 5850'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 465 sxs 50-50 Poz  
CEMENT TOP: 3504' per CBL

## TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, J-55  
NO. OF JOINTS: 174 jts. (5520.22')  
TUBING ANCHOR: 5534.72'  
NO. OF JOINTS: 4 jts. (128.71')  
SEATING NIPPLE: 1.10'  
SN LANDED AT: 5666.23' KB  
NO. OF JOINTS: 1 jt. (31.32')  
TOTAL STRING LENGTH: EOT @ 5699.05' w/ 14.5' KB

## SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 3-1 1/2" weight rods (3/4" pin), 3-1 1/2" weight rods (7/8" pin), 10-3/4" scraped rods, 109-3/4" plain rods, 100-3/4" scraped rods, 1-6', 1-8' x 3/4" pony rod.  
PUMP SIZE: Axelson 2-1/2" x 1-1/2" x 15' RHAC Pump.  
STROKE LENGTH: 54"  
PUMP SPEED, SPM: 5 SPM  
LOGS: FDC, CNL, DLL, MSFL, Gamma Ray, Bond Log



State #33-32  
2019' FEL & 1978' FSL  
NWSE Section 32-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31185; Lease #ML-21836

## FRAC JOBS

3/06/87 5561'-5691' Frac w/152,000# 20/40 sd in 32,700 gal frac. Avg rate 30 bpm. Avg press 2610. ISIP 3750 psi.

4/28/87 5370'-5380' Frac w/64,000# 20/40 sd in 17,000 gal frac. Well screened off, left 2500 gal 8# per gal in csg. Avg press 2100, avg rate 21 bpm.

4/29/87 4955'-4964' Frac w/64,000# 20/40 sd in 17,000 gal frac. Avg. press 2100, avg rate 20 bpm.

**RECOMPLETION**

05/13/00 5561'-5691' Re-frac LDC Sands as follows: 75,937# of 20/40 sand in 527 bbls Viking I-25 frac gel. Treated at avg pres of 7400 psi with average rate of 24 BPM. ISIP 3610 psi.

05/16/00 5370'-5380' Re-frac A sands as follows: 48,048# 20/40 sand in 300 bbls Viking I-25 fluid. Treated at average press of 7000 psi with average rate of 23.8 BPM. ISIP 2400 psi.

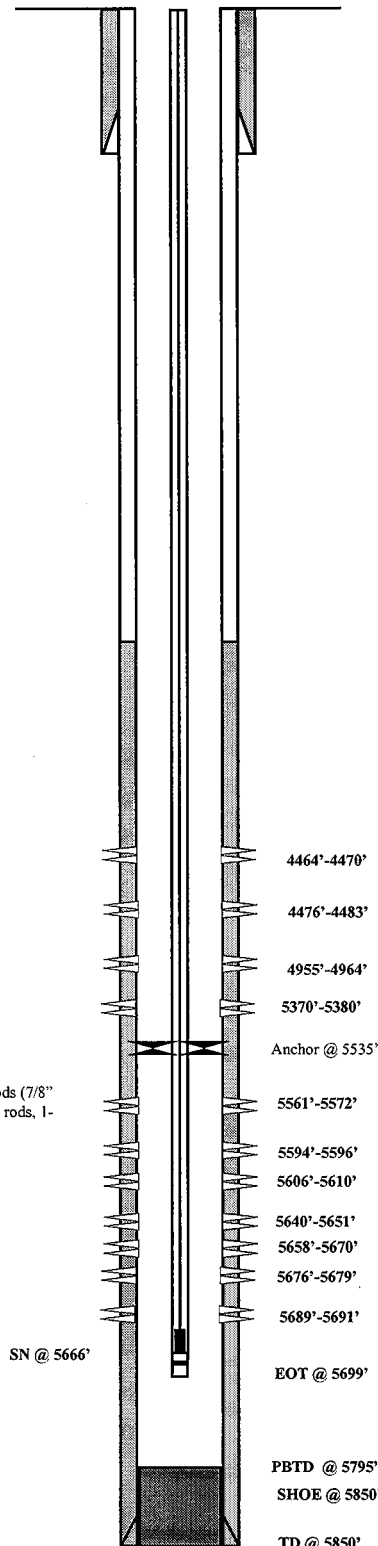
05/16/00 4955'-4964' Re-frac D sand as follows: 46,500# of 20/40 sand in 363 bbls Viking I-25 fluid. Treated at average press of 2800 psi with average rate of 25.5 BPM. ISIP 3008 psi.

2/12/02 Tubing leak. Update rod and tubing details.

10/12/02 4464'-4483' Frac GB6 sands as follows: 58,168# 20/40 sand in 462 bbls Viking I-25 fluid. Treated @ avg. pressure of 2132 psi w/ave. rate of 24.3 BPM. ISIP 2320 psi. Calc. flush: 4464 gals. Actual flush: 4284 gals.

Note: Ken Allen proposed to perf PB8 4604-28' on 9/15/88.

AFE's were returned, but work doesn't seem to have ever been done.



## PERFORATION RECORD

Date	Depth Range	SPF	Holes
3/05/87	5561'-5572'	2 SPF	22 holes
3/05/87	5594'-5596'	2 SPF	4 holes
3/05/87	5606'-5610'	2 SPF	8 holes
3/05/87	5640'-5651'	2 SPF	22 holes
3/05/87	5658'-5670'	2 SPF	24 holes
3/05/87	5676'-5679'	2 SPF	6 holes
3/05/87	5689'-5691'	2 SPF	4 holes
4/28/87	5370'-5380'	4 SPF	40 holes
4/29/87	4955'-4964'	4 SPF	36 holes
10/11/02	4476'-4483'	4 SPF	28 holes
10/11/02	4464'-4470'	4 SPF	24 holes

## Wells Draw Federal 44-31-8-16

Spud Date: 7/9/85  
Put on Production: 9/14/85  
GL: 5808' KB: 5822'

Initial Production: 260 BOPD,  
185 MCFD, 20 BWPD

## Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE:  
WEIGHT: 24#  
DEPTH LANDED: 298'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 185 sxs Class "H".

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE:  
WEIGHT: 17#  
DEPTH LANDED: 6064'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 728 sxs light & Class "G". Cmt top @ 1920'.

## TUBING

SIZE/GRADE/WT: 2-7/8" J-55 6.5#  
NO. OF JOINTS: 174 jts. (5646.03')  
TUBING ANCHOR: 5660.03'  
SEATING NIPPLE: 1.10'  
SN LANDED AT: 5662.83'  
NO. OF JOINTS: 2 jts. (5663.93')  
TOTAL STRING LENGTH: EOT @ 5729.61'

## SUCKER RODS

POLISHED ROD: 1-1/2" X 22'  
PONY RODS: 4 1-1/2" weight rods, 10-3/4" scraper rods, 132 -3/4" plain rods,  
78-3/4" scraper rods, 1-2', 1-4', 2-8' x 3/4" pony rods.  
PUMP SIZE: 2-1/2" X 1-1/2" X 15.5' Axelson (top hold down)  
STROKE LENGTH: 64"  
PUMP SPEED, SPM: 7 spm  
LOGS: FDC, CNL, DIL, MDFL, GAMMA RAY/CBL

## FRAC JOBS

9/06/85 5420'-5624' Acidize w/181 bbls KCL s/ClayStay, 300 balls, good ball action. Flushed top perms. 33 bbls - 3% KCL, formation broke @ 3200, 4 bpm. Flowed back 16 bbls load wtr. Frac information was not available.

6/29/00 5370'-5448' **Frac A/LODC sands as follows:**  
89,105# 20/40 sand in 537 bbls of Viking I-25 fluid. Avg treating press. 1300 psi @ 35 bpm. ISIP 1700 psi. Calc. flush: 5370 gal. Actual flush: 5166 gal.

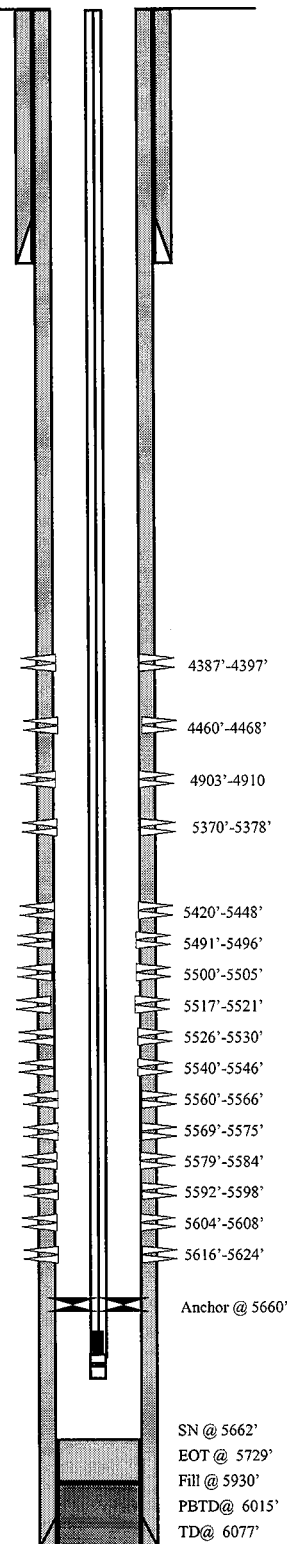
6/29/00 4903'-4910' **Frac D sands as follows:**  
67,166# 20/40 sand in 426 bbls of Viking I-25 fluid. Avg treating press. 2300 psi @ 26.8 bpm. ISIP 2620 psi. Calc. flush: 4903 gal. Actual flush: 4704 gal.

7/5/00 4387'-4468' **Frac GB sands as follows:**  
103,278# 20/40 sand in 541 bbls of Viking I-25 fluid. Avg treating press. 2800 psi @ 30.3 bpm. ISIP 3265 psi. Calc. flush: 4387 gal. Actual flush: 4200 gal.

8/24/01 Pump change. Update rod and tubing details.  
10/18/01 Pump change. Update rod details.

## PERFORATION RECORD

Date	Interval	SPF	Holes
6/30/00	4387'-4397'	4 SPF	40 holes
6/30/00	4460'-4468'	4 SPF	32 holes
6/29/00	4903'-4910'	4 SPF	28 holes
6/28/00	5370'-5378'	4 SPF	32 holes
9/06/85	5420'-5448'	3 SPF	84 holes
9/06/85	5491'-5496'	3 SPF	15 holes
9/06/85	5500'-5505'	3 SPF	15 holes
9/06/85	5517'-5521'	3 SPF	12 holes
9/06/85	5526'-5530'	3 SPF	12 holes
9/06/85	5540'-5546'	3 SPF	18 holes
9/06/85	5560'-5566'	3 SPF	18 holes
9/06/85	5569'-5575'	3 SPF	18 holes
9/06/85	5579'-5584'	3 SPF	15 holes
9/06/85	5592'-5598'	3 SPF	18 holes
9/06/85	5604'-5608'	3 SPF	12 holes
9/06/85	5616'-5624'	3 SPF	24 holes



Wells Draw Federal 44-31-8-16

SESE 660' FEL & 660' FSL  
Section 31-T8S-R16E  
Duchesne Co, Utah

API #43-013-31116; Lease #U-49950

BDH 10/19/01

Spud Date: 4/24/85  
 Put on Production: 6/15/85  
 Put on Injection: 1/18/00  
 GL: 5806' KB: 5820'

## State #14-32-8-16

Initial Production: 75 BOPD,  
 30 MCFD, 0 BWPD

SURFACE CASING

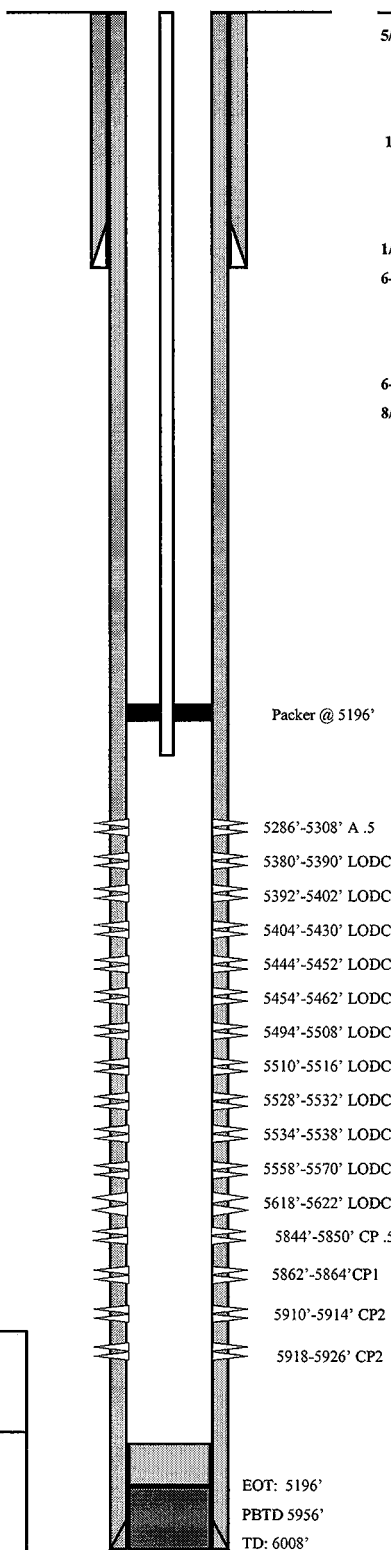
CSG SIZE: 8-5/8"  
 GRADE: 7 Jts  
 WEIGHT: 24#  
 DEPTH LANDED: 288'  
 HOLE SIZE: 10-1/4"  
 CEMENT DATA: 190 sxs "A" 2% calcium choride, 1/4 # flocele

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: K-55  
 WEIGHT: 17#  
 DEPTH LANDED: 6005'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 316 sxs lightweight III-S

TUBING

SIZE/GRADE/WT: 2-7/8" / 6.5#  
 NO. OF JOINTS: 160 jts 2 7/8"  
 SN LANDED AT: 5178'  
 PACKER: 5196'  
 TOTAL STRING LENGTH: EOT @ 5196'

Injection Wellbore  
DiagramFRAC JOBS

5/19/85 5380'-5622' Frac w/300,000# 20/40 sd in 76,000 gal YF3G/YF4G frac. Max press 2300 @ 60 bpm. Avg press 1750 @ 60 bpm. ISIP 1630. Started flowing on 18/64" ck. Flowed 102 bbls load wtr in 4-1/2 hrs.

11/29/88 5286'-5306' Frac w/84,000# 20/40 sd and 15,000# 16/30 sd. L left 6000# in csg, screened off of 3200#. Used 926 bbls jelled fluid & 87 bbls flush. Max rate 3200 @ 30 bpm. Avg rate 2500. ISIP 2500.

1/14/00 Convert to injector.

6-20-05 5844'-5926' CP2 and CP5 frac as follows:  
 Frac w/29,216#s of 20/40 sand in 264 bbls of Lightning 17 fluid. Broke @ 4783 psi. Treated w/ave pressure of 3392 psi @ ave rate of 14.2 BOM. ISIP 2220 psi.

6-30-05 MIT complete.

8/29/06 Re-completion (no new perfs)

PERFORATION RECORD

11/29/88	5286'-5306'	88 holes
5/16/85	5380'-5390'	20 holes
5/16/85	5392'-5402'	20 holes
5/16/85	5404'-5430'	52 holes
5/16/85	5444'-5452'	16 holes
5/16/85	5454'-5462'	16 holes
5/16/85	5494'-5508'	28 holes
5/16/85	5510'-5516'	12 holes
5/16/85	5528'-5532'	8 holes
5/16/85	5534'-5538'	8 holes
5/16/85	5558'-5570'	24 holes
5/16/85	5618'-5622'	8 holes
6/20/05	5918'-5926'	32 holes
6/20/05	5910'-5914'	16 holes
6/20/05	5862'-5864'	8 holes
6/20/05	5844'-5850'	24 holes

NEWFIELD



State #14-32-8-16  
 810' FSL & 809' FWL  
 SWSW Section 32-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31039; Lease #ML-21836

EOT: 5196'  
 PBD: 5956'  
 TD: 6008'

Spud Date: 3/29/2000  
 Put on Production: 5/1/2000  
 Put on injection: 8/04/02  
 GL: 5755' KB: 5765'

## Wells Draw #15-32

INITIAL PRODUCTION: 51 BOPD, 210 MCFD,  
 4 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (306.5')  
 DEPTH LANDED: 304.1'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sxs Class "G" cmt.

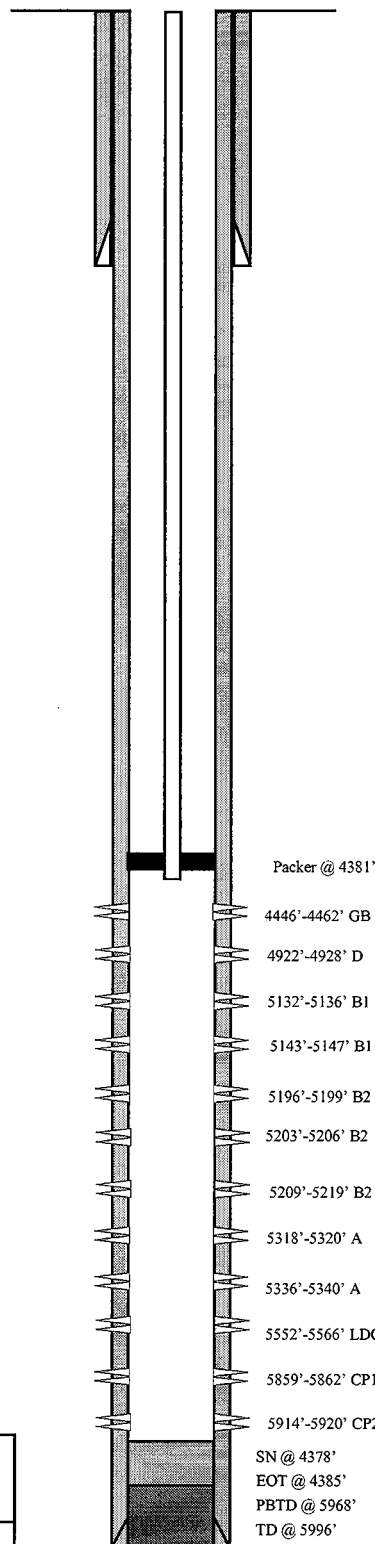
### PRODUCTION CASING

CSG SIZE: 4-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 138 jts. (6014.5')  
 DEPTH LANDED: 6002.5'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 350 sk Prem. Lite II mixed & 550 sxs 50/50 POZ.  
 CEMENT TOP AT: Surface per CBL

### TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#  
 NO. OF JOINTS: 136 jts. (4377.43')  
 SEATING NIPPLE: 2-3/8" (1.10')  
 SN LANDED AT: 4378.53' KB  
 PACKER: 4381.53' KB  
 TOTAL STRING LENGTH: EOT @ 4385.14'

### Injection Wellbore Diagram



### FRAC JOB

4/19/00 5859'-5920' **Frac CP sand as follows:**  
 36,000# 20/40 sand in 271 bbls Deltafrac.  
 Treated @ avg press of 5344 psi w/avg rate of 12.2 BPM. ISIP 2430 psi.

4/20/00 5552'-5566' **Frac LDC sand as follows:**  
 50,000# 20/40 sd in 283 bbls Deltafrac.  
 Treated @ avg press of 5580 psi w/avg rate of 14.8 BPM before screening out w/7# sd on perfs. ISIP 1530 psi. Est 45,000# sd in perfs, 5,000# sd left in tbg.

4/21/00 5318'-5340' **Frac A sand as follows:**  
 64,257# 20/40 sand in 332 bbls Viking I-25 fluid. Treated @ avg press of 2000 psi w/avg rate of 34 BPM. ISIP 1530 psi. Screened out with approx 38,257# sand in perfs and 5,000# sand left in csg.

4/22/00 4922'-5219' **Frac D sand as follows:**  
 5,000# 20/40 sand in 332 bbls Deltafrac.  
 Treated @ avg press of 5900 psi w/avg rate of 15 BPM. ISIP 2410 psi.

4/24/00 4446'-4462' **Frac GB sand as follows:**  
 5,000# sand in 364 bbls Deltafrac fluid.  
 RD HES. Bleed dwn frac thru 12/64" chok, est 1 BPM. ISIP 2100 psi.  
 Convert to injector.

7/29/02  
 07/03/07  
 Five year MIT

### PERFORATION RECORD

Date	Depth	Tool	Holes
4/18/00	5914'-5920'	4 JSPF	24 holes
4/18/00	5859'-5862'	4 JSPF	12 holes
4/18/00	5552'-5566'	4 JSPF	56 holes
4/18/00	5336'-5340'	4 JSPF	16 holes
4/18/00	5318'-5320'	4 JSPF	8 holes
4/18/00	5209'-5219'	4 JSPF	40 holes
4/18/00	5206'-5206'	4 JSPF	12 holes
4/18/00	5196'-5199'	4 JSPF	12 holes
4/18/00	5143'-5147'	4 JSPF	16 holes
4/18/00	5132'-5136'	4 JSPF	16 holes
4/18/00	4922'-4928'	4 JSPF	24 holes
4/18/00	4446'-4462'	4 JSPF	64 holes

**NEWFIELD**

Wells Draw #15-32  
 1824 FEL & 738 FSL  
 SWSE Section 32-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31676; Lease #UTU-76787

## Wells Draw #16-32-8-16

Spud Date: 4/14/2000  
Put on Production: 5/19/2000  
GL: 5663' KB: 5673'

IP: 121 BOPD, 383 MCFD, 30 BWPD

## Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (312.87')  
DEPTH LANDED: 301'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 161 sxs Class "G" cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (5943.94')  
DEPTH LANDED: 5941.54'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 265 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.  
CEMENT TOP AT: Surface per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8"  
NO. OF JOINTS: 183 jts (5744.58')  
TUBING ANCHOR: 5754.58' (2.80)  
NO. OF JOINTS: 1 jt (31.21')  
SEATING NIPPLE: 2-7/8"  
SN LANDED AT: 5788.59' (1.10)  
NO. OF JOINTS: 2 jts (62.53')  
TOTAL STRING LENGTH: EOT @ 5852.67'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 2-8', 1-2' x 3/4" pony rods, 88-3/4" scraped rods, 88-3/4"  
plain rods, 50- 3/4" scraped rods, 4-1 1/2" weight rods  
PUMP SIZE: 2- 1/2" x 1- 3/4" x 16" RHAC  
STROKE LENGTH: 120"  
PUMP SPEED, SPM: 5

FRAC JOB

5/11/00 5822'-838' **Frac CP sand as follows:**  
74,500# 20/40 sand in 453 bbls Viking I-25 fluid. Perfs broke @ 3733 psi. Treated @ avg pressure of 2300 psi with avg rate of 28.3 BPM. ISIP 2625 psi; 5 min 2360 psi. Left pressure on well.

5/11/00 5269'-316' **Frac A sand as follows:**  
83,500# 20/40 sand in 472 bbls Viking I-25 fluid. Perfs broke @ 3943 psi. Treated @ avg pressure of 2050 psi with avg rate of 28.3 BPM. ISIP 2230 psi; 5 min 2144 psi. Flowed back on 12/64" choke for 3 hrs & died. Rec 107 BTF.

5/12/00 5011'-146' **Frac C/B sand as follows:**  
105,000# 20/40 sand in 578 bbls Viking I-25 fluid. Perfs broke @ 1805 psi. Treated at avg pressure of 1900 psi @ avg rate of 35.3 BPM. ISIP 2490 psi; 5 min 2435 psi. Left pressure on well.

5/13/00 4842'-872' **Frac D sand as follows:**  
77,000# 20/40 sand in 467 bbls Viking I-25 fluid. Perfs broke @ 1960 psi. Treated @ avg pressure of 2000 psi with avg rate of 27.5 BPM. ISIP 2330 psi; 5 min 2260 psi. Left pressure on well.

5/13/00 4374'-387' **Frac GB sand as follows:**  
60,500# 20/40 sand in 384 bbls Viking I-25 fluid. Perfs broke @ 4120 psi. Treated @ avg pressure of 2250 psi @ avg rate of 27.5 BPM. ISIP 2570 psi; 5 min 2506 psi. Flow back on 12/64" choke for 3-1/2 hrs & died. Rec 128 BTF.

4/12/04 Pump change. Update rod and tubing details.

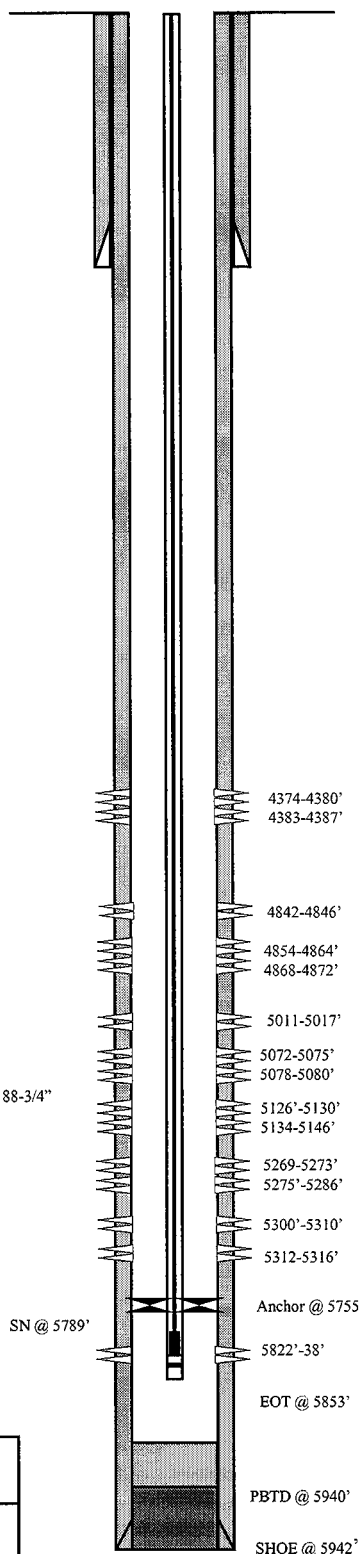
1/4/05 Tubing leak. Update rod and tubing details.

2/14/07 **Tubing Leak.** Rod & Tubing detail updated.

7/17/07 Parted Rods. Updated rod & tubing detail.

PERFORATION RECORD

5/13/00	4374'-80'	4 JSPF	24 holes
5/13/00	4383'-87'	4 JSPF	16 holes
5/13/00	4842'-46'	2 JSPF	8 holes
5/13/00	4854'-64'	2 JSPF	20 holes
5/13/00	4868'-72'	2 JSPF	8 holes
5/12/00	5011'-17'	2 JSPF	12 holes
5/12/00	5072'-75'	2 JSPF	6 holes
5/12/00	5078'-80'	2 JSPF	4 holes
5/12/00	5126'-30'	2 JSPF	8 holes
5/12/00	5134'-46'	2 JSPF	24 holes
5/11/00	5269'-73'	2 JSPF	8 holes
5/11/00	5275'-86'	2 JSPF	22 holes
5/11/00	5300'-10'	2 JSPF	20 holes
5/11/00	5312'-16'	2 JSPF	8 holes
5/11/00	5822'-38'	4 JSPF	64 holes



NEWFIELD

## Wells Draw #16-32-8-16

601 FSL 544 FEL

SE/SE Section 32-T8S-R16E

Duchesne Co, Utah

API #43-013-31817; Lease #ML21836

DS 8/8/07



## Wells Draw Federal C-5-9-16

Spud Date: 4-29-08  
 Put on Production: 6-19-08  
 GL: 5782' KB: 5794'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (309.62')  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 147 jts. (6451')  
 HOLE SIZE: 7-7/8"  
 TOTAL DEPTH: 6464.25'  
 CEMENT DATA: 325 sk Prem. Lite II mixed & 450 sxs 50/50 POZ.  
 CEMENT TOP AT: 70'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
 NO. OF JOINTS: 184 jts (5785.93')  
 TUBING ANCHOR: 5797.93'  
 NO. OF JOINTS: 2 jts (62.87')  
 SEATING NIPPLE: 2-7/8" (1.10")  
 SN LANDED AT: 5863.60' KB  
 NO. OF JOINTS: 1-2 7/8 jts (31.38')  
 TOTAL STRING LENGTH: EOT @ 6028.04' w/12' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' Polished rod,  
 SUCKER RODS: 1- 2', 2-4', 1-6' x 7/8" ponies, 230-7/8" guided rods, 4- 1 1/2"  
 weight rods, Shear coupling  
 PUMP SIZE: 2-1/2" x 1-3/4" x 16" x 20' RHAC  
 STROKE LENGTH: 120"  
 PUMP SPEED, SPM: 6

FRAC JOB

6-12-08 6130-6310' **Frac Blksh & CP4 sands as follows:**  
 Frac with 238898 #'s of 20/40 sand in 489 bbls Lightning 17 fluid. Treat at an ave pressure of 2442 psi @ 23.5 BPM. ISIP 2408 psi.

6-12-08 6016-2026' **Frac CP2 sands as follows:**  
 Frac with 25048 #'s of 20/40 sand in 370 bbls Lightning 17 fluid. Treat at an ave pressure of 2536 psi @ 23.5 BPM. ISIP 2113 psi.

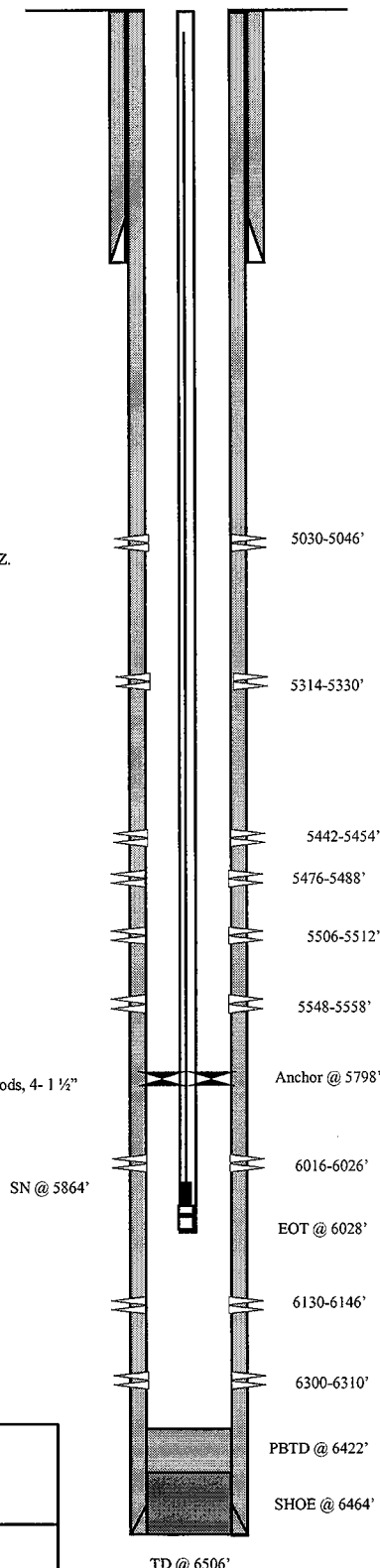
6-13-08 5442-5558' **Frac LODC & A3,A1,A.5 sands as follows:**  
 Frac with 180423 #'s of 20/40 sand in 1259 bbls of Lightning 17 fluid. Treat at an ave pressure of 1765 psi @ 26.5 BPM. ISIP 2015 psi.

6-13-08 5314-5330' **Frac B2 sand as follows:**  
 Frac with 60367 #'s of 20/40 sand in 528 bbls of Lightning 17 fluid. Treat at an ave pressure of 1845 psi @ 26.2 BPM. ISIP 1950 psi.

6-13-08 5030-5046' **Frac D1 sand as follows:**  
 Frac with 101625 #'s of 20/40 sand in 751bbls of Lightning 17 fluid. Treat at an ave pressure of 1841 psi @ 26.4 BPM. ISIP 2046 psi.

8-26-08 Pump Change. Updated rod & tubing details.

12/24/08 Stuck Pump. Updated rod & tubing details.

PERFORATION RECORD

5030-5046'	4 JSPF	64 holes
5314-5330'	4 JSPF	64 holes
5442-5454'	4 JSPF	48 holes
5476-5488'	4 JSPF	48 holes
5494-5502'	4 JSPF	32 holes
5506-5512'	4 JSPF	24 holes
5548-5558'	4 JSPF	40 holes
6016-6026'	4 JSPF	40 holes
6130-6146'	4 JSPF	64 holes
6300-6310'	4 JSPF	40 holes

NEWFIELD



Wells Draw Federal C-5-9-16  
 731' FSL & 2017' FWL  
 SESW Section 5 -T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-33753; Lease #UTU-30096

## Wells Draw Federal #11-5-9-16

Spud Date: 12/31/85  
Put on Production: 2/11/86  
GL: 5815' KB: 5829'

Initial Production: 101 BOPD,  
100 MCFD, 0 BWPD

## Wellbore Diagram

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: ?  
WEIGHT: 40#  
DEPTH LANDED: 285'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 197 sxs Class "G" with additives.

## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: ?  
WEIGHT: 17#  
DEPTH LANDED: 5978'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 185 sxs lodense & 250 sxs 10% gypseal.  
TOP OF CEMENT: 3220' per CBL

## TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 177 jts. (5696.56')  
TUBING ANCHOR: 5706.56' KB  
NO. OF JOINTS: 1 jt. (31.43')  
SN LANDED AT: 5740.79' KB  
NO. OF JOINTS: 2 jts. (64.44')  
TOTAL STRING LENGTH: EOT @ 5805.68' w/13' KB

## SUCKER RODS

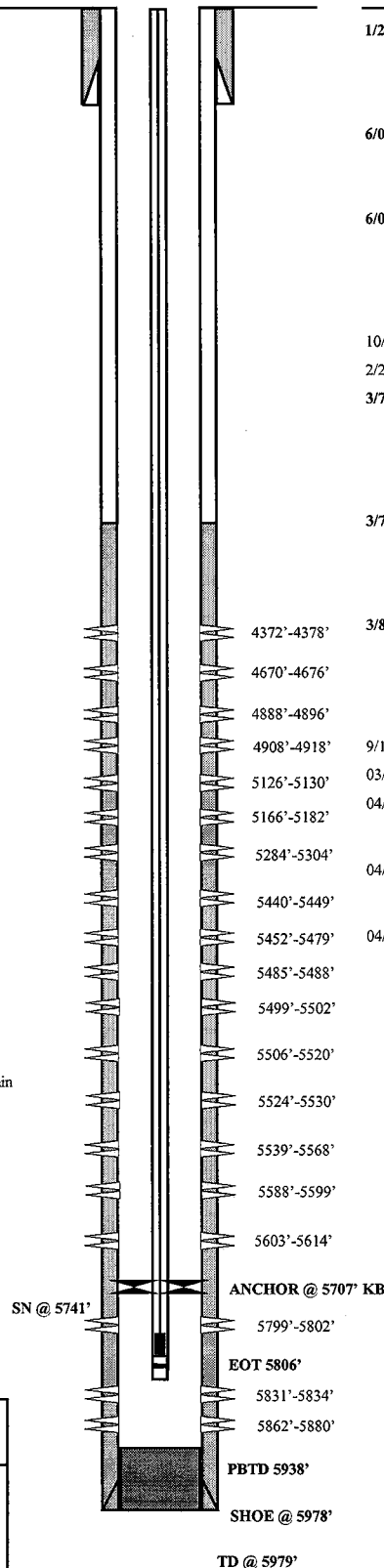
POLISHED ROD: 1-1/2" x 22' SM (1 3/4")  
SUCKER RODS: 6-1 1/2" weight bars; 34-3/4" scraped rods; 97-3/4" plain rods, 92-3/4" scraped rods, 1-2" x 7/8", 2-4", x 3/4" pony rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM Plunger  
STROKE LENGTH: 65"  
PUMP SPEED, SPM: 5 SPM  
LOGS: DLL-MSFL, FDC-CNL

## FRAC JOB

1/28/86	5440'-5614'	Frac w/238,000# 20/40 sd & 60,000# 16/30 sd in 94,000 gal frac. Flush w/4650 gals KCL wtr. Avg press 2250 @ 56 bpm. ISIP 2200. Flow well on 16/64" ck for 5 hrs. Rec 97 BW w/tr of sd.
6/01/87	5284'-5304'	Frac w/97,000# 20/40 sd in 24,500 gal frac. Avg rate 30 bpm, avg press 1900. ISIP 2800, 5 min 2200, 10 min 1870, 15 min 1670.
6/02/87	4888'-4918'	Frac w/97,000# 20/40 sd in 24,500 gal frac. Avg rate 31 bpm, avg press 2000. ISIP 2000, 5 min 1770, 10 min 1680, 15 min 1640. Open well on 10/64" ck. Flowed 120 BW. Pressure dropped to zero.
10/2/01		Pump change. Update rod and tubing details.
2/26/02		Pump change. Update rod and tubing details.
3/7/03	5799'-5880'	<b>Frac CP sands as follows:</b> 59,994# of 20/40 sand in 456 bbls YF 125 fluid. Treated @ ave pressure 3715 psi W/ave rate of 17 BPM. ISIP-2030 psi. Calc. flush: 1506 gals. Actual flush: 1385 gals.
3/7/03	5126'-5182'	<b>Frac B sands as follows:</b> 50,757# of 20/40 sand in 383 bbls YF 125 fluid. Treated @ ave pressure 3351 psi W/ave rate of 16.9 BPM. ISIP-1935 psi. Actual flush: 1218 gals.
3/8/03	4372'-4676'	<b>Frac GB4/PB11 sands as follows:</b> 56,716# of 20/40 sand in 466 bbls YF 125 fluid. Treated @ ave pressure 2248 psi W/ave rate of 18.5 BPM. ISIP-2980 psi. Calc. flush: 4372 gals. Actual flush: 4193 gals.
9/13/03		Tubing Leak. Update rod and tubing details.
03/26/08		Major Workover: Update rod and tubing.
04/28/08	4888-4918'	<b>Acidize D1 sands:</b> Pump 750 gals techni-hib 767, W/ 1000 gals HCL, ISIP @ 1730 psi. Returned 15 bbls BW
04/28/08	5284-5304'	<b>Acidize A sands:</b> Pump 1100 gals techni-hib 767, W/ 1000 gals HCL, ISIP @ 1090 psi.
04/28/08	5862-5880'	<b>Acidize CP2 sands:</b> Pump 900 gals techni-hib 767, W/ 349 gals HCL, ISIP @ 1796 psi.

## PERFORATION RECORD

1/27/86	5603'-5614'	3 JSPF	33 holes
1/27/86	5588'-5599'	3 JSPF	33 holes
1/27/86	5539'-5568'	3 JSPF	87 holes
1/27/86	5524'-5530'	3 JSPF	18 holes
1/27/86	5506'-5520'	3 JSPF	36 holes
1/27/86	5499'-5502'	3 JSPF	9 holes
1/27/86	5485'-5488'	3 JSPF	9 holes
1/27/86	5452'-5479'	3 JSPF	81 holes
1/27/86	5440'-5449'	3 JSPF	27 holes
6/01/87	5284'-5304'	3 JSPF	60 holes
6/01/87	4908'-4918'	3 JSPF	30 holes
6/01/87	4888'-4896'	3 JSPF	24 holes
3/6/03	5862'-5880'	4 JSPF	72 holes
3/6/03	5831'-5834'	4 JSPF	12 holes
3/6/03	5799'-5802'	4 JSPF	12holes
3/6/03	5166'-5182'	4 JSPF	64 holes
3/6/03	5126'-5130'	4 JSPF	16 holes
3/6/03	4670'-4676'	4 JSPF	24 holes
3/6/03	4372'-4378'	4 JSPF	24 holes



NEWFIELD

Wells Draw Federal 11-5-9-16

781' FNL &amp; 687' FWL

NW/NW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-31144; Lease # UTU-69744

TW 09/17/08

Spud Date: 3/28/83  
Put on Production: 8/29/83  
GL: 5797' KB: 5811'

## Wells Draw #21-5G-9-16

Initial Production: 80 BOPD, 0 MCFD  
25 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: K-55  
WEIGHT: 32#  
LENGTH: 7 JTS  
DEPTH LANDED: 311'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 215 sks Class "G" cmt, est ? bbls to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 157 jts  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 338 sks BS Lite & 863 sks 50/50 Poz  
CEMENT TOP AT:  
SET AT: 6500'

TUBING

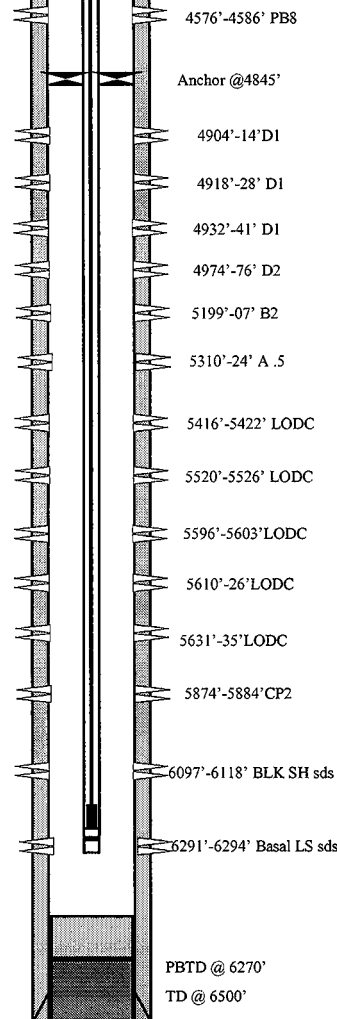
SIZE/GRADE/WT: 2-7/8", J-55  
NO. OF JOINTS: 192  
TUBING ANCHOR: Baker @ 4845'  
TOTAL STRING LENGTH: 6162.02'  
SN LANDED AT: 6128.24'

SUCKER RODS

Rods: 90 7/8" rods; 9 3/4" sinker bars; 144 3/4" rods  
Pump: Axelson 2-1/2" x 1-1/2" x 16' RWAC

FRAC JOB

6098'-6294' 76,000# 20/40 sd and 31,440 gal Versagel  
5596'-5635' 144,000# 20/40 sd and 41,270 gal Versagel  
5202'-5316' 98,000# 20/40 sd and 31,150 gal Versagel  
4908'-4976' 180,000# 20/40 sd and 50,290 gal Versagel  
4576'-4586' 58,720# 20/40 ssand in 452 bbls Lightning  
17 frac fluid. Treated @ ave pressure of  
3671 w/ave rate of 14.3 bpm w/6 ppg of  
sand. ISIP was 2700.  
5874'-5884' 29,352# of 20/40 sand in 285 bbls of  
Lightning 17 frac fluid. Treated @ ave  
pressure of 4645 w/ave rate of 14.3 bpm  
w/6 ppg of sand. ISIP was 3150.

PERFORATION RECORD

6291'-6294'	3 SPF	10 holes
6104'-6111'	1 SPF	4 holes
6098'-6101'	1 SPF	8 holes
5631'-5635'	1 SPF	5 holes
5610'-5622'	1 SPF	13 holes
5596'-5601'	1 SPF	6 holes
5312'-5316'	1 SPF	5 holes
5202'-5205'	2 SPF	7 holes
4974'-4976'	1 SPF	3 holes
4933'-4938'	1 SPF	6 holes
4920'-4925'	1 SPF	6 holes
4908'-4913'	1 SPF	6 holes
4576'-4586'	4 SPF	40 holes
5416'-5422'	4 SPF	12 holes
5520'-5526'	4 SPF	12 holes
5874'-5884'	4 SPF	40 holes



Wells Draw #21-5G-9-16  
637 FNL 2005 FWL  
NENW Section 5-T9S-R16E  
Duchesne Co, Utah  
API #43-013-30698; Lease #U-30096

## Wells Draw #31-5G-9-16

Spud Date: 1/15/90  
Put on Production: 4/7/90  
GL: 5701' KB: 5713'

Initial Production: 100 BOPD, 0 MCFD  
100 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8" surface  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 8 jts (321')  
DEPTH LANDED: 332'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 225 sxs Class "G", 2% CaCl<sub>2</sub>, 1/4#/sx cello flake

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: K-55  
WEIGHT: 17#  
LENGTH: 155 jts. (6390')  
DEPTH LANDED: 6388'  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 318 sxs DS Hi Lift. Tail w/535 sxs DS 10-0 RFC  
CEMENT TOP AT: ?

TUBING

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 191 jts (6004.07')  
TUBING ANCHOR: 6015.07'  
NO. OF JOINTS: 2 jts (62.42')  
SEATING NIPPLE: 2-7/8"  
SN LANDED AT: 6080.29'  
NO. OF JOINTS: 1 jt (31.35')  
TOTAL STRING LENGTH: EOT 6113.19'

SUCKER RODS

POLISHED ROD: 1 1/2" x 22'  
SUCKER RODS: 1-2' x 7/8" pony rods, 91-7/8" scraped rods, 104-3/4" plain rods, 40-3/4" scraped rods, 6-1 1/2" weight bars,  
PUMP SIZE: 2 1/2" x 1 1/2" x 4' x 7' RTBC CDI PUMP  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4 SPM

FRAC JOB

4274'-4291'	35,100# 20/40 sand, 41,000# 16/30 sand, 844 bbls fluid @ avg 42 BPM @ 2200, ISIP 2430 psi.
4500'-4508'	24,100# 20/40 sand, 34,600 16/30 sand, 641 bbls fluid @ avg 35 BPM @ 2500, ISIP 2750 psi.
4837'-4857'	52,500# 20/40 sand, 15,000# 16/30 sand, cut job short 1045 bbls fluid, @ avg 45 BPM @ 2400, ISIP 2250 psi.
4975'-4984'	32,230# 20/40 sand, 35,770 16/30 sand, 784 bbls fluid @ avg 42 BPM @ 2300 psi, screened off 1/2 flush.
5268'-5292'	57,500# 20/40 sand, 69,000# 16/30 sand, 1270 bbls fluid, @ avg 45 BPM @ 1900#, ISIP 2050 psi.
6040'-6050'	32,300# 20/40 sand, 42,500 #16/30 sand, 858 bbls fluid, @ avg 35 BPM @ 1950, ISIP 2150 psi.
9/21/01 6040'-6050'	<b>Frac CP sands as follows:</b> 54,500# 20/40 sand in 355 bbls. Viking I-25 Frac fluid. Treated at avg. pressure of 4285 psi @ 19.8 BPM. ISIP 2540 psi.
9/25/01 5071'-5131'	<b>Frac B sands as follows:</b> 52,000# 20/40 sand in 351 bbls. Viking I-25 Frac fluid. Treated at avg. pressure of 3360 psi @ 16.6 BPM. ISIP 2220 psi.
9/26/01 4354'-4397'	<b>Frac GB-6 sands as follows:</b> 79,000# 20/40 sand in 521 bbls. Viking I-25 Frac fluid. Treated at avg. pressure of 2950 psi @ 18.8 BPM. ISIP 2360 psi.
11/17/01	Stuck pump. Update top of fill depth.
08/23/02	Pump change. Update rod details.
12/04/02	Pump change. Update rod details.
06/10/05	Parted rods. Update rod detail.
12/30/05	Pump change. Update rod and tubing details.
03/20/06	Acidize perms. Update rod and tubing details.

PERFORATION RECORD

4274'-4291'	4 SPF	68 Holes
4500'-4508'	4 SPF	32 Holes
4837'-4857'	4 SPF	80 Holes
4975'-4984'	4 SPF	36 Holes
5268'-5281'	4 SPF	52 Holes
5285'-5292'	4 SPF	28 Holes
6040'-6050'	4 SPF	40 Holes
9/20/01 5829'-5831'	4 SPF	08 Holes
9/20/01 5799'-5805'	4 SPF	24 Holes
9/20/01 5747'-5751'	4 SPF	16 Holes
9/20/01 5124'-5131'	4 SPF	28 Holes
9/20/01 5071'-5075'	4 SPF	16 Holes
9/20/01 4394'-4397'	4 SPF	12 Holes
9/20/01 4368'-4373'	4 SPF	20 Holes
9/20/01 4354'-4366'	4 SPF	48 Holes

SN @ 6080'

EOT @ 6113'  
Top of fill @ 6245'  
PBDT @ 6255'  
SHOE @ 6388'  
TD @ 6400'



Federal #31-5G-9-16

685' FNL &amp; 1925' FEL

NW/NE Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-31252; Lease #UTU-30096

## WELLS DRAW FED G-5-9-16

Spud Date: 12-17-07  
Put on Production: 3-11-08

GL: 5726' KB: 5738'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (280.9')  
DEPTH LANDED: 292.75' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 148 jts (6406.27')  
DEPTH LANDED: 6419.52' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP AT: 50'

TUBING

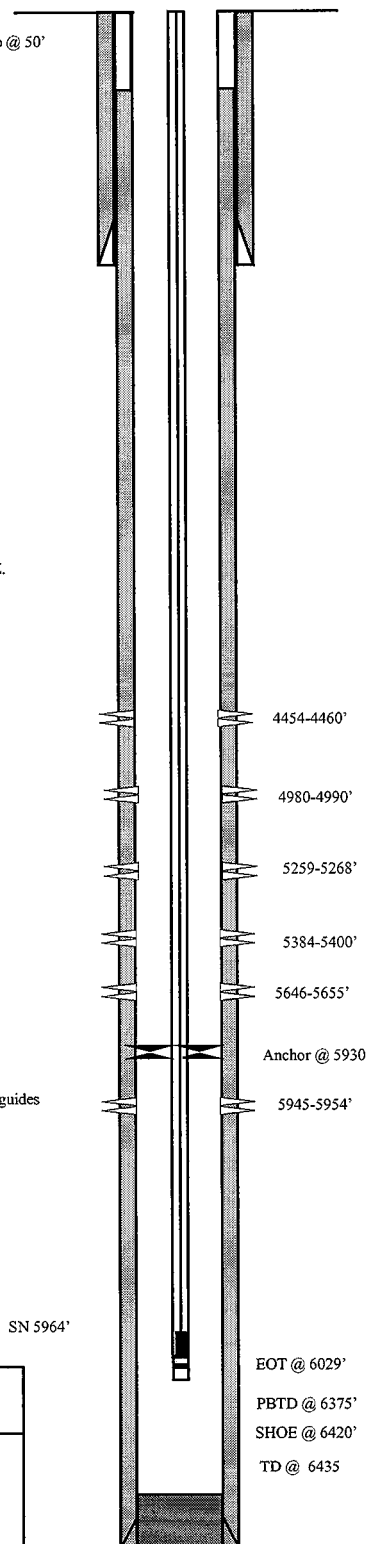
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 188 jts (5917.69')  
TUBING ANCHOR: 5929.69' KB  
NO. OF JOINTS: 1 jts (31.48")  
SEATING NIPPLE: 2-7/8" (1.10")  
SN LANDED AT: 5963.97' KB  
NO. OF JOINTS: 2 jts (63.05')  
TOTAL STRING LENGTH: EOT @ 6028.57' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM  
SUCKER RODS: 1-2' X 7/8" Pony subs, 244- 7/8" scraped rods (8 guides per rod), 4-1 1/2" weight bars.  
PUMP SIZE: 2-1/2" x 1-13/4" x 20' RHAC w/SM plunger  
STROKE LENGTH: 122"  
PUMP SPEED, SPM: 4 SPM

## Wellbore Diagram

Cement Top @ 50'



Initial Production:

FRAC JOB

02-29-08 5945-5954' **Frac CP2 sands as follows:**  
25718# 20/40 sand in 382 bbls Lightning 17 frac fluid. Treated @ avg press of 2424 psi w/avg rate of 26.1 BPM. ISIP 2280 psi. Calc flush: 5943 gal. Actual flush: 5460 gal.

02-29-08 5646-5655' **Frac LODC sands as follows:**  
20221# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 2803 psi w/avg rate of 29 BPM. ISIP 3150 psi. Calc flush: 5644 gal. Actual flush: 5166 gal.

02-29-08 5384-5400' **Frac A1 sands as follows:**  
110173# 20/40 sand in 831 bbls Lightning 17 frac fluid. Treated @ avg press of 1935 psi w/avg rate of 23.2 BPM. ISIP 2744 psi. Calc flush: 5382 gal. Actual flush: 4914 gal.

02-29-08 5259-5268' **Frac B1 sand as follows:**  
15001# 20/40 sand in 276 bbls Lightning 17 frac fluid. Treated @ avg press of 1495 w/avg rate of 23.1 BPM. ISIP 1910 psi. Calc flush: 5257 gal. Actual flush: 5788 gal.

02-29-08 4980-4990' **Frac D1 sand as follows:**  
90119# 20/40 sand in 969 bbls Lightning 17 frac fluid. Treated @ avg press of 2022 w/avg rate of 23.1 BPM. ISIP 2193 psi. Calc flush: 4978 gal. Actual flush: 4494 gal.

02-29-08 4454-4460' **Frac GB4 sand as follows:**  
34669# 20/40 sand in 381 bbls Lightning 17 frac fluid. Treated @ avg press of 2264 w/avg rate of 23.1 BPM. ISIP 2160 psi. Calc flush: 4452 gal. Actual flush: 4368 gal.

Pump Change. Updated rod & tubing details.

PERFORATION RECORD

02-21-08	5945-5954'	4 JSPF	36 holes
02-29-08	5646-5655'	4 JSPF	36 holes
02-29-08	5384-5400'	4 JSPF	64 holes
02-29-08	5259-5268'	4 JSPF	36 holes
02-29-08	4980-4990'	4 JSPF	40 holes
02-29-08	4454-4460'	4 JSPF	24 holes

**NEWFIELD**

**Wells Draw Fed G-5-9-16**

2236' FNL & 1922' FWL

NE/SW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-33178; Lease # UTU-15855

## WELLS DRAW FED. H-5-9-16

Spud Date: 12/14/07  
Put on Production: 03/28/08

GL: 5795' KB: 5807'

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (296.54')  
DEPTH LANDED: 308.39' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 1- 160, sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 140 jts. (6403.43')  
DEPTH LANDED: 6416.68' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 30'

TUBING

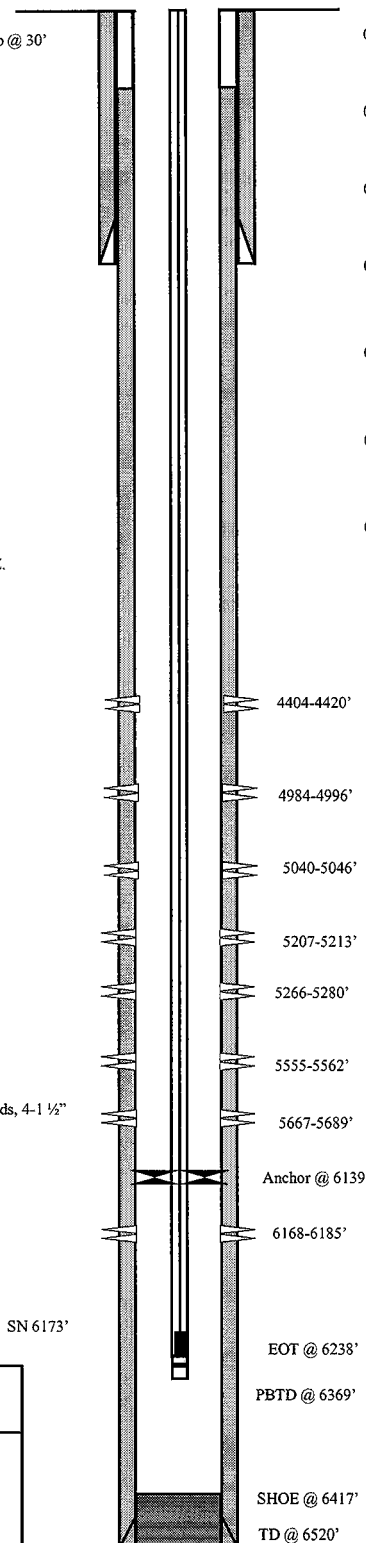
SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 195 jts (6127.09')  
TUBING ANCHOR: 6139.09' KB  
NO. OF JOINTS: 1 jts (31.50')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 6173.39' KB  
NO. OF JOINTS: 2 jts (62.80')  
TOTAL STRING LENGTH: EOT @ 6237.74' KB

SUCKER RODS

POLISHED ROD: 1-1/2" x 26' SM polished rods  
SUCKER RODS: 1-8, 6', 2, X 7/8" pony rods, 242-7/8" scraped rods, 4-1 1/2" weight bars  
PUMP SIZE: CDI 2-1/2" x 1-3/4" x 20' 'RHAC  
STROKE LENGTH: 120"  
PUMP SPEED, 6 SPM:

## Wellbore Diagram

Cement Top @ 30'

FRAC JOB

02/25/08	6168-6185'	<b>Frac CP5 sands as follows:</b> 61333# 20/40 sand in 540 bbls Lightning 17 frac fluid. Treated @ avg press of 2049 psi w/avg rate of 23.1 BPM. ISIP 2200 psi.
02/25/08	5667-5689'	<b>Frac LODC sands as follows:</b> 110250# 20/40 sand in 817 bbl Lightning 17 frac fluid. Treated @ avg press of 2261 psi w/avg rate of 23.2 BPM. ISIP 2525 psi.
02/25/08	5555-5562'	<b>Frac LODC sands as follows:</b> 30708# 20/40 sand in 401 bbls Lightning 17 frac fluid. Treated @ avg press of 2506 psi w/avg rate of 26.2 BPM. ISIP 2170 psi.
02/25/08	5266-5280'	<b>Frac B2 sands as follows:</b> 49980# 20/40 sand in 463 bbls Lightning 17 frac fluid. Treated @ avg press of 2052 psi w/avg rate of 23.2 BPM. ISIP 2033 psi.
02/25/08	5207-5213'	<b>Frac B.5 sands as follows:</b> 14494# 20/40 sand in 275 bbls Lightning 17 frac fluid. Treated @ avg press of 2431 psi w/avg rate of 23.1 BPM. ISIP 2165 psi.
02/25/08	4984-5046'	<b>Frac D2 &amp; D1 sands as follows:</b> 35463# 20/40 sand in 658 bbls Lightning 17 frac fluid. Treated @ avg press of 1979 psi w/avg rate of 23.2 BPM. ISIP 2020 psi.
02/25/08	4404-4420'	<b>Frac GB4 sands as follows:</b> 69513# 20/40 sand in 530 bbls Lightning 17 frac fluid. Treated @ avg press of 1950 psi w/avg rate of 23.2 BPM. ISIP 2215 psi.

PERFORATION RECORD

6168-6185'	4 JSPF	68 holes
5667-5689'	4 JSPF	88 holes
5555-5562'	4 JSPF	28 holes
5266-5280'	4 JSPF	56 holes
5207-5213'	4 JSPF	24 holes
5040-5046'	4 JSPF	24 holes
4984-4996'	4 JSPF	48 holes
4404-4420'	4 JSPF	64 holes

NEWFIELD

## Wells Draw Fed. H-5-9-16

667' FNL & 2031' FWL

1360' FNL & 2600' FWL

NE/NW Section 5-T9S-R16E

Duchesne Co, Utah

API #43-013-33520; Lease # UTU-30096



**Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Attachment F  
1 of 2**Water Analysis Report**Production Company: **NEWFIELD PRODUCTION (158)**Sample ID: **WA-19585**Well Name: **Fed 24-32-8-16**Sample Point: **Tank**Sample Date: **1 /9 /2009**Sales Rep: **Randy Huber**Lab Tech: **Peter Poulsen**

Sample Specifics	
Test Date:	1/15/2009
Temperature (°F):	160
Sample Pressure (psig):	0
Specific Gravity (g/cm³):	1.0076
pH:	9
Turbidity (NTU):	-
Calculated T.D.S. (mg/L)	15732
Molar Conductivity (µS/cm):	23836
Resistivity (Mohm):	0.4195

Analysis @ Properties in Sample Specifics			
Cations		Anions	
	mg/L		mg/L
Calcium (Ca):	20.00	Chloride (Cl):	7000.00
Magnesium (Mg):	6.10	Sulfate (SO₄):	1546.00
Barium (Ba):	1.00	Dissolved CO₂:	-
Strontium (Sr):	-	Bicarbonate (HCO₃):	1415.00
Sodium (Na):	5731.00	Carbonate (CO₃):	-
Potassium (K):	-	H₂S:	5.00
Iron (Fe):	5.00	Phosphate (PO₄):	-
Manganese (Mn):	2.90	Silica (SiO₂):	-
Lithium (Li):	-	Fluoride (F):	-
Aluminum (Al):	-	Nitrate (NO₃):	-
Ammonia NH₃:	-	Lead (Pb):	-
		Zinc (Zn):	-
		Bromine (Br):	-
		Boron (B):	-

Test Conditions		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl										
		Calcium Carbonate		Gypsum		Calcium Sulfate		Strontium Sulfate		Barium Sulfate		Calculated
		CaCO₃		CaSO₄ · 2H₂O		CaSO₄		SrSO₄		BaSO₄		CO₂
Temp °F	Gauge Press. psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
160	0	13.65	26.99	0.02	-1418.90	0.02	-1290.70	-	-	8.80	1.51	0.02
80	0	11.31	28.90	0.01	7.76	0.01	-2305.30	-	-	42.03	1.66	0.01
100	0	13.23	27.95	0.01	8.66	0.01	-2139.80	-	-	27.55	1.64	0.02
120	0	14.22	27.24	0.01	8.95	0.01	-1890.10	-	-	18.48	1.61	0.02
140	0	14.33	26.94	0.02	8.92	0.01	-1595.70	-	-	12.65	1.56	0.02
160	0	13.65	26.99	0.02	8.68	0.02	-1290.70	-	-	8.80	1.51	0.02
180	0	12.42	27.18	0.02	8.20	0.03	-1001.00	-	-	6.21	1.42	0.02
200	0	10.91	27.21	0.02	7.46	0.04	-743.69	-	-	4.43	1.31	0.02
220	2.51	9.27	26.83	0.03	6.50	0.06	-537.78	-	-	3.12	1.15	0.02
240	10.3	7.77	25.36	0.03	5.24	0.09	-363.65	-	-	2.26	0.94	0.02
260	20.76	6.42	22.71	0.03	3.81	0.15	-231.28	-	-	1.65	0.66	0.02
280	34.54	5.24	19.19	0.03	2.35	0.24	-135.65	-	-	1.21	0.29	0.02
300	52.34	4.23	15.44	0.03	0.96	0.39	-69.89	-	-	0.88	-0.22	0.02

**Conclusions:**

Calcium Carbonate scale is indicated at all temperatures from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

Barium Sulfate NO CONCLUSION

**Notes:**





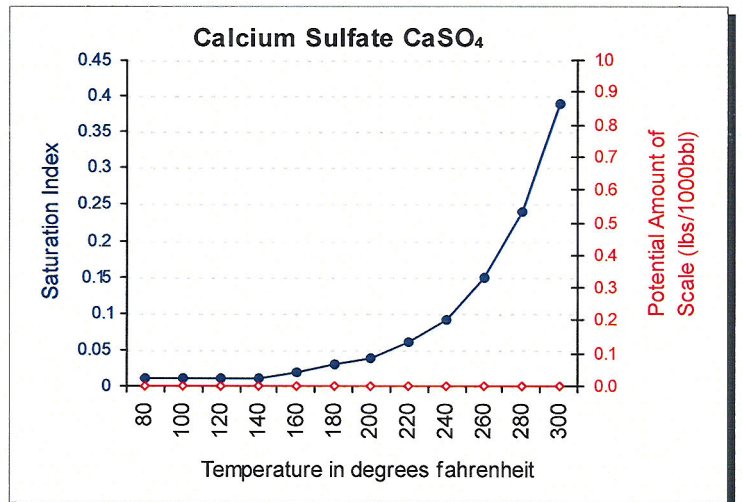
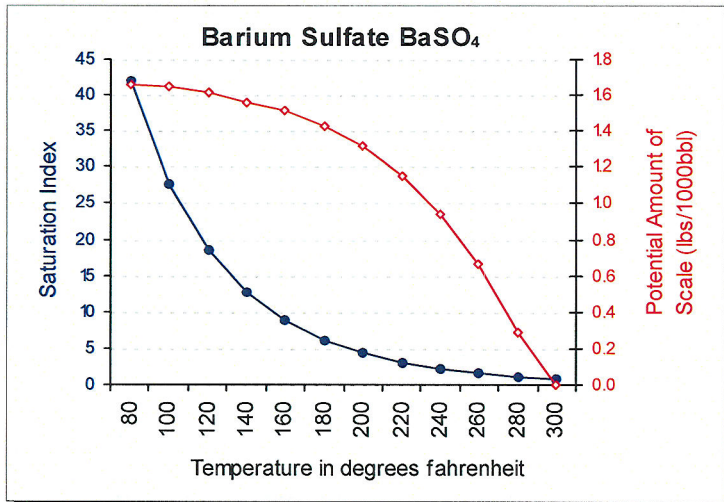
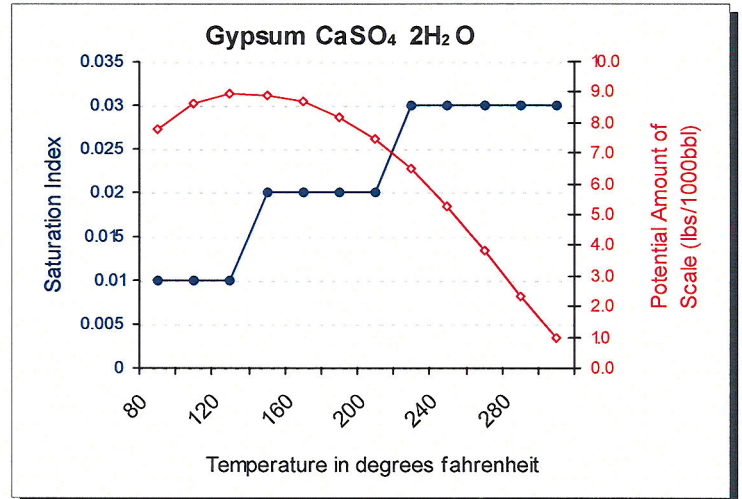
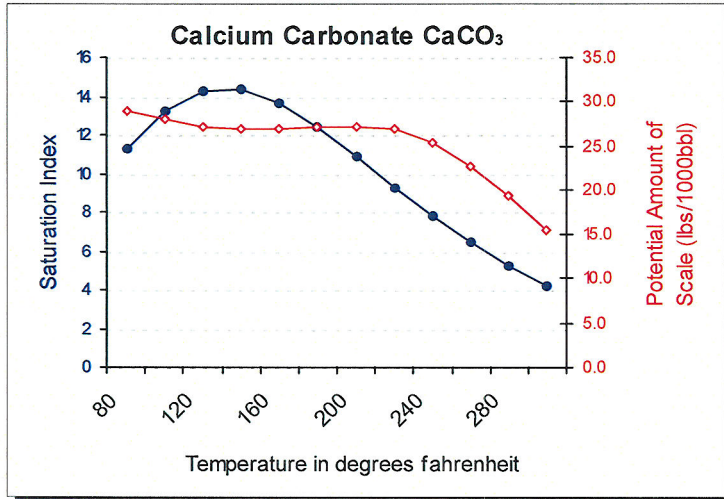
**Multi-Chem Group, LLC**  
Multi-Chem Analytical Laboratory  
1553 East Highway 40  
Vernal, UT 84078

multi-chem®

### Scale Prediction Graphs

Well Name: Fed 24-32-8-16

Sample ID: WA-19585





**Attachment "G"**

**State #24-32-8-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
4362	4368	4365	2260	0.95	2232
4920	4950	4935	2000	0.84	1968
5196	5464	5330	1500	0.72	1466 ←
5496	5608	5552	2050	0.81	2014
5834	6015	5925	2030	0.78	1992
				<b>Minimum</b>	<u>1466</u>

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (Frac\ Grad - (0.433 * 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$Frac\ Gradient = (ISIP + (0.433 * \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

## ROSELAND OIL AND GAS, INC.

COMPLETION  
ROSELAND 24-32

01-08-85: Move in and rig up Gibson Well Service. Pickup and run 172 jts. 2 7/8" J-55 tubing to 5562'. Shut down for night.

Daily Cost: \$1,350.00 Cum. Cost: \$1,350.00

01-09-85 Circulate hole with 130 bbls. 5% KCL with clay stay. Trip out of hole with 2 7/8" tubing, bit and scraper. Rig up Gearhart and run gamma ray, CBL, CLL log from 6111' to 3940' top CMT 4150', fair bond. Set up BOP's and test to 3000 PSI. test okay. Rig up and perf. Perforation gun 4", Shot Diameter 78' SPF/#Shots:

5510 to 20 - 10'	5548 to 56 - 8'
5496 to 5506 - 10'	5566 to 5608 - 42'
5536 to 44 - 8'	

Daily Cost: \$6,531.00 Cum. Cost: \$7,881.00

01-10-85: Trip in hole with packer on 2 7/8" tubing and set at 5465'.  
*Break down* Swab back 40 bbls 5% KCL with trace of oil. Release packer trip in hole to 5561', swab well down to 2300' and trip out of hole with packer, rig up to frac.

SITP -0- SICP -0- Back Pres. -0- Fluids used 3% KCL.

#1	Pumped 30,000 gal pod.	
#2	Pumped 6,000 gal 1#/gal.	20/40 sand
#3	Pumped 10,000 gal 2#/gal.	20/40 sand
#4	Pumped 18,000 gal 4#/gal.	20/40 sand
#5	Pumped 20,000 gal 6#/gal.	20/40 sand
#6	Pumped 10,000 gal 8#/gal.	20/40 sand
#7	Pumped 177 bbls flush.	
#8	Load fluid 2681 bbls.	

ISEP 2050  
5 min 1500  
10 min 1700  
15 min 1620

Shut well in for night. This A.M. shut in casing pressure at 500#. Open well up to pit on 8/64 choke.

Daily Cost: \$54,591.00 Cum. Cost: \$62,472.00

01-11-85: Unthaw well head. Well had 500# on casing, flow well back 7 hours. Trip in hole with notch collar and 2 jts. to 2604' Well started flowing sand back. Choke at 10/64 for 7 hours recovered 140 bbls. Shut well in for night.

Daily Cost: \$3,502.00 Cum. Cost: \$65,974.00

## ROSELAND OIL AND GAS, INC.

COMPLETION  
ROSELAND 24-32

01-12-85: Unthaw well head. Tubing pressure 300PSI, Casing Pressure 250 PSI. Bleed well down and circulate with 2% KCL. Trip in hole, tag sand at 5698'. Circulate and clean sand out to 5718'. Trip out of hole with 2 7/8" tubing to 5497'. Shut well in for night.

Daily Cost: \$2,583.00 Cum. Cost: \$68,557.00

01/13-85: Unthaw well head with hot oiler. Swab back 50% oil, 50% water. Made 22 runs, recovered 164 bbls.

Daily Cost: \$1,762.00 Cum. Cost: \$70,319.00

01-14-85: Well flowed 6 hours 50% oil, 50% water. Swab 3 hours, fluid level dropped to 1700'. Recovered 40% oil, 60 % water. Made 8 runs, recovered 98 bbls. Shut down for night.

Daily Cost \$2,328.00 Cum. Cost: \$72647.00

01-15-85: Blow well down with Hot Oil Well Service with 75 bbls. 2% KCL water. Trip out of hole with 2 7/8" tubing. Trip in hole with notch collar, one joint seating nip. 6 jts. Mt. States Anchor catcher and 167 jts 2 7/8" tubing. Unnip. BOP, set anchor with 10,000# tension and land at 5623'. Nip. up well head. Shut down for night.

Daily Cost: \$18,302.00 Cum. Cost: \$90,949.00

01-16-85: Well flowed 10 bbls 80% Oil and 20% water to tank. Oil set up, pump 30 bbls hot KCL water down tubing. Pull up and run 2 1/2 X 1 1/2 X 16 pump. (Pump #R2). Run 4 weight rod and 218 3/4" rod and 1 - 10' X 3/4" and 1 - 4' X 3/4" subs and 1 1/2 X 22' polish rod. Space pump out and test to 1000#. Test okay. Shut down for night.

Daily Cost: \$23,316.00 Cum. Cost: \$114,265.00

01-17-85: Released Gibson Well Service at 7:00 A.M. 01-17-85.

Daily Cost: \$1,275.00 Cum. Cost: \$115,540.00

01-18-85: Working on tank battery.

01-19-85: Working on tank battery

Daily Cost: \$24,710.00 Cum. Cost: \$140,250.00

ROSELAND OIL AND GAS, INC.

COMPLETION  
ROSELAND 24-32

01-21-85: Set cement pad for pumping unit.

Daily Cost: \$720.00

Cum. Cost: \$140,970.00

7/19/89 Move rig to location, rig up. Rig up hot oil truck to 5 1/2" csg, pumped 45 bbls 250' water down. Unseat pump. Flushed rods and tbg with 45 bbls 250' formation water. Pull out of the hole with rods and pump. Had trouble pulling pump, top cage on pump was broke off and pieces were on top of pump. Shut well in for night.

Daily Cost: \$ 1,313.00

7/20/89 SITP 50, SICP 150. Bled pressure off in 5 min, all gas. Change equipment over to pull 2 7/8" tbg. Nipple down well head. Release anchor catcher. Nipple up Bico 6" x 5000 BOP. Pull out of the hole with 165 jts 2 7/8", 8rd, 6.5#, J-55 prod tbg, anchor catcher, pump seating nipple 1 jt with notched collar. Rig up OWP wireline truck. Set Mountain States 5 1/2" wireline. Set H E retrievable bridge plug at 5485'. Perf 5462' - 5464', 5456' - 5458', 5450' - 5454', 5426' - 5430', 5368' <sup>43</sup> 5378', 5196' <sup>82</sup> 5206', 128 holes, 4" guns, 4 shots per ft. No misfire, no pressure. Run in the hole with Mountain States 5 1/2" HD packer to 5156', set packer. Rig up Smith Energy pump truck. Broke down perfs 5196' - 5464' with formation water and 150 ball sealers 4 1/2 BPM, 2300 psi. ISIP 1500, 5 min 1370, good ball action, load 130 bbls. Rig down Smith. Release packer. Run in the hole to 5473', pull out of hole with packer. Rig up Smith frac trucks. Frac perfs 5196' - 5464' with 94,000 # 20/40 sand and 1000 bbls gelled 2% Kcl water, 40 BPM, 2300 psi. ISIP 1700, 5 min 1600, 10 min 1590, 15 min 1560. Load 1071 bbls. Perfs were screening off at the end of flush. Rig down Smith. Shut well in for night.

upr LODC -

Daily Cost: \$27,175.00  
Cum. Cost: 28,488.00

7/21/89 SICP 500. Removed frac head. Rig up OWP with lubricator. Run in the hole with Mountain States HE wireline, set retrievable bridge plug at 4735', tag sand. Pull out of the hole with bridge plug. Rig down OWP. Run in the hole with Mountain States HE retrieving head to 4115', tag sand, circulate sand out. Rig up drill head, clean out soft sand from 4115' - 5066', circulate hole clean. Pressure test csg to 900 psi, bled off. Rig down drill head. Pull out of the hole with retrieving head. Rig up OWP perforate 4920' - 4924', 4926' - 4934', 4936' - 4950', with 4" guns, 4 shots per ft, no misfire, no pressure increase. Rig up Smith frac trucks, frac perfs 4920' - 4950' with 74,000 # 20/40 sand and 945 bbls gelled 2% Kcl water 35 BPM, 1800 psi. ISIP 2000, 5 min 1600, 10 min 1540, 15 min, 1490. Load 945 bbls. Rig down Smith. Shut well in for night.

D-1 sd  
2670, 3022

Daily Cost: \$24,650.00  
Cum. Cost: 53,138.00

State 24-32

Workover

7/22/89 SICP 500 psi. Bled pressure off in 30 min, all water. Run in the hole with Mountain States H E retrieving head to 4906', tag sand and circulate clean. Rig up drill head clean out from 4906' - 5050'. Circulate clean. Released retrievable bridge plug. Rig down drill head. Pull out of the hole, didn't have bridge plug. Run in the hole to 5035' circulate hole clean, run to 5045', tag sand. Rig up to drill, clean out from 5045' - 5191', went through motion trying to latch onto bridge plug. Pull out of the hole, didn't have bridge plug. Run in the hole open end to 1939'. Shut well in for night.

Daily Cost: \$ 2,367.00  
Cum. Cost: 55,505.00

7/24/89 SICP 0, SITP 0. Pull out of the hole with drill string. Run in the hole with Mountain States H E retrievable bridge plug short catch retrieving head to 5097', tag sand. Rig up drill head, broke circulation, clean out from 5097' to 5191', tag bridge plug, circulate hole clean, latch onto retrievable bridge plug. Pull out of the hole with bridge plug. Nipple down drill head. Run in the hole with Mountain States H E retrievable bridge plug retrieving head to 5191', rig up drill head. Clean out sand from 5191' - 5485', bridge plug top. Circulate clean. Latch onto retrievable bridge plug at 5485', released same. Nipple down drill head. Pull out of the hole with retrievable bridge plug. Shut well in for night.

Daily Cost: \$ 2,470.00  
Cum. Cost: 57,975.00

7/25/89 SICP 0. Run in the hole with 2 7/8" 8 rd, 6.5#, J-55 production string, 1 jt with notched collar 32.97'. Pump seating nipple (cup type) 1.10', 12 jts 390.20', Mountain States B 2 anchor catcher, 40,000 # tension shear 2.74', 159 jts 5136.70'. Rig up swab. Swab perfs 4920' - 5608'. IFL 400'. FFL 2000'. Recovered 377 bbls in 51 runs, 30% oil. Fluid entry 42 BPH. Yet to recover 1769 bbls, Load 2146 bbls, recovering small amount of sand. Rig down swab. Shut well in for night.

Daily Cost: \$ 1,625.00  
Cum. Cost: 59,600.00

7/26/89 SITP 260, SITP 340 psi. Rig up swab, swab perfs 4920' - 5608'. IFL 1100', FFL 1900'. Recovered 334 bbls in 50 runs, 50% oil. Fluid entry 32 bbls per hr. Total fluids recovered 711 bbls. Yet to recover 1435 bbls, load 2146

State 24-32

Wrokoover

7/26/89  
cont.      bbls. Getting more sand in fluids today. Sand tearing up  
swab cups. Recovering gas cut fluids. Rig down swab. Shut  
well in for night.

Daily Cost:    \$ 2,767.00  
Cum. Cost:      62,367.00

7/27/89      SITP 280, SICP 500. Bled pressure off in 15 min, all gas.  
Rig up swab, swab perfs 4920' - 5608'. IFL 1600', FFL  
2100'. Recovered 159 bbls in 26 runs, 60% oil. Fluid entry  
32 BPH. Total fluids recovered 870 bbls. Load 2146, yet to  
recover 1276 bbls. Recovering small amounts of sand and gas  
cut fluids. Rig down swab. Run in the hole to 5580', tag  
sand fill. Rig up drill head took 250 bbls formation water  
to get circulation. Clean out sand from 5580' - 5706'  
circulate clean. Rig down drill head, lay down 4 jts work  
string. Nipple down BOP. Set Mountain States B 2 anchor  
catcher, land tbg on 6" x 3000 tbg flange with 12,000 #  
tension. Nipple up well head change equipment over to run  
rods. Shut well in for night. Note: Lost 400 bbls  
formation water to perfs while cleaning out.

Daily Cost:    \$ 2,494.00  
Cum. Cost:      64,861.00

7/28/89      SITP 0. Flushed tbg with 40 bbls clean formation water.  
Run in the hole with rods and pump. Spaced out pump. Filled  
tbg, pressure tested tbg and pump to 600 psi, held OK.  
Stroke pump with pumping unit. Pumping OK. Rig down equipment  
Put well on production. Clean sand from mud tank, clean up  
equipment. Prepare to move.

Daily Cost:    \$ 1,758.00  
Cum. Cost:      66,619.00



7 of 16

## DAILY COMPLETION REPORT

WELL NAME: State 24-32-8-16

Report Date: Sept. 5, 2001

Completion Day: 01

Present Operation: Re-completion

Rig: Key #965

## WELL STATUS

Surf Csg: 8 5/8 @ 292' Prod Csg: 5 1/2" Wt: 17# @ 6201' Csg PBTD: 6158'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 EOT @: 4863' BP/Sand PBTD: 5578'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	4920-24', 26-34'		LODC sds	5548-5556'	5 holes
D1 sds	4936-50'		LODC sds	5566-5608'	28 holes
B sds	5196-5206'				
A sds	5368-5378'				
LODC sds	5426-30', 50-54'				
LODC sds	5456-58', 62-64'				
LODC sds	5496-5506'	5 holes			
LODC sds	5510-20', 36-44'	10 holes			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 4, 2001

SITP: 0 SICP: 0

MIRU KES #965. Pump 100 BW dn csg @ 225°F. Unseat rod pump. Flush tbg & rods W/ 60 BW @ 225°F. Reseat pump. Fill tbg W/ 4 BW. Pressure test tbg to 1000 psi. Unseat pump. TOH W/ rodstring. LD pump. Had some rod cplg wear btm section of string. Had light scale btm 400' of string. ND wellhead. Release TA @ 5405'. NU BOP. TOH & talley production tbg. LD BHA. TIH W/ 4 3/4" bit, 5 1/2" csg scraper & production tbg to 4863'. SIFN W/ est 164 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0 Starting oil rec to date: 0  
Fluid lost/recovered today: 164 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 164 Cum oil recovered: 0  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

## STIMULATION DETAIL

## COSTS

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_

Company: \_\_\_\_\_

Procedure or Equipment detail: \_\_\_\_\_

KES rig	\$2,915
Weatherford BOP	\$130
Hagman trucking	\$2,000
IPC water truck & water	\$900
Black Diamond-wtr/gas	\$300
Zubiate-HO trk	\$500
Weatherford scraper	\$250
Jones-trucking	\$120
IPC Supervision	\$200

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_

Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_

ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ 15 min: \_\_\_\_\_

DAILY COST: \$7,315





8 of 16

## DAILY COMPLETION REPORT

WELL NAME: State 24-32-8-16 Report Date: Sept. 6, 2001 Completion Day: 02  
Present Operation: Re-completion Rig: Key #965

## WELL STATUS

Surf Csg: 8 5/8 @ 292' Prod Csg: 5 1/2" Wt: 17# @ 6201' Csg PBTD: 6158'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 EOT @: 0 BP/Sand PBTD: 6158'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
D1 sds	exist 4920-24', 26-34'		LODC sds	exist 5548-5556'	5 holes
D1 sds	exist 4936-50'		LODC sds	exist 5566-5608'	28 holes
B sds	exist 5196-5206'				
A sds	exist 5368-5378'				
LODC sds	exist 5426-30', 50-54'				
LODC sds	exist 5456-58', 62-64'				
LODC sds	exist 5496-5506'	5 holes			
LODC sds	exist 5510-20', 36-44'	10 holes			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 5, 2001 SITP: 0 SICP: 0

Con't TIH W/ bit, scraper & tbg f/ 4863'. Tag sd @ 5578'. RU power swivel. Took 100 BW to gain circulation. C/O sd to PBTD @ 6158'. Circ hole clean. Lost 322 BW total. TOH W/ tbg. LD bit & scraper. SIFN W/ est 486 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 164 Starting oil rec to date: 0  
Fluid lost/recovered today: 322 Oil lost/recovered today:   
Ending fluid to be recovered: 486 Cum oil recovered: 0  
IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

## STIMULATION DETAIL

Base Fluid used:  Job Type:

Company:

Procedure or Equipment detail:

## COSTS

KES rig	\$2,745
Weatherford BOP	\$130
Weatherford power sub	\$600
Jones trucking(swivel)	\$450
IPC water trk & wtr	\$200
IPC Supervison	\$200

Max TP:  Max Rate:  Total fluid pmpd:

Avg TP:  Avg Rate:  Total Prop pmpd:

ISIP:  5 min:  10 min:  15 min:

DAILY COST: \$4,325



9 of 16

## DAILY COMPLETION REPORT

WELL NAME: State 24-32-8-16

Report Date: Sept. 7, 2001

Completion Day: 03

Present Operation: Re-completion

Rig: Key #965

## WELL STATUS

Surf Csg: 8 5/8 @ 292' Prod Csg: 5 1/2" Wt: 17# @ 6201' Csg PBTD: 6158'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80 Pkr @: 5721' BP/Sand PBTD: 6050'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2 sds	NEW 4362-4368'	4/24	LODC sds	exist 5548-5556'	5 holes
D1 sds	exist 4920-24', 26-34'		LODC sds	exist 5566-5608'	28 holes
D1 sds	exist 4936-50'		LODC sds	NEW 5642-5658'	4/64
B sds	exist 5196-5206'		LODC sds	NEW 5676-5678'	4/8
A sds	exist 5368-5378'		LODC sds	NEW 5686-5694'	4/32
LODC sds	exist 5426-30', 50-54'		CP .5 sds	NEW 5834-5836'	4/8
LODC sds	exist 5456-58', 62-64'		CP1 sds	NEW 5851-5854'	4/12
LODC sds	exist 5496-5506'	5 holes	CP3 sds	NEW 5987-5996'	4/36
LODC sds	exist 5510-20', 36-44'	10 holes	CP3 sds	NEW 6012-6015'	4/12

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 6, 2001

SITP: 0 SICP: 0

RU Schlumberger and perf new Green River intervals as follows: CP3 sds @ 6012-15' & 5987-96', CP1 sds @ 5851-54', CP .5 sds @ 5834-36', LODC sds @ 5686-94', 5676-78' & 5642-58' & GB2 sds @ 4362-68'. All 4 JSPF. 3 runs total. RD WLT. Tally, PU & TIH W/ 5 1/2" "TS" RBP, tbg sub, 5 1/2" "HD" pkr & 193 jts 2 7/8 8rd 6.5# L-80 tbg. Isolate & breakdown CP intervals as follows: perfs 5987-96' & 6012-15' brokedn @ 2500 psi. Injected @ 3.5 BPM @ 2250 psi. Perfs 5834-36' & 5851-54' brokedn @ 4000 psi. Injected @ 2.7 BPM @ 2800 psi. Release tools. Set RBP @ 6050'. Set pkr above & pressure test tbg & tools to 3000 psi. Used 50 BW for breakdowns & tool test. Release pkr. Pull up to 5721'. Install frac valve. Leave pkr unset. SIFN W/ est 536 BWTR.

## FLUID RECOVERY (BBLS)

Starting fluid load to be recovered: 486 Starting oil rec to date: 0  
Fluid lost/recovered today: 50 Oil lost/recovered today:  
Ending fluid to be recovered: 536 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

KES rig	\$2,895
Weatherford BOP	\$130
Weatherford tools/serv	\$3,500
Schlumberger-perfs	\$5,002
IPC Supervision	\$200

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$11,727

TOTAL WELL COST: \$23,367



10 of 16

## DAILY COMPLETION REPORT

WELL NAME: State 24-32-8-16

Report Date: Sept. 8, 2001

Completion Day: 04

Present Operation: Re-completion

Rig: Key #965

## WELL STATUS

Surf Csg: 8 5/8 @ 292' Prod Csg: 5 1/2" Wt: 17# @ 6201' Csg PBDT: 6158'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80 Pkr @: 5612' BP/Sand PBDT: 5770'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2 sds	NEW 4362-4368'	4/24	LODC sds	exist 5548-5556'	5 holes
D1 sds	exist 4920-24', 26-34'		LODC sds	exist 5566-5608'	28 holes
D1 sds	exist 4936-50'		LODC sds	NEW 5642-5658'	4/64
B sds	exist 5196-5206'		LODC sds	NEW 5676-5678'	4/8
A sds	exist 5368-5378'		LODC sds	NEW 5686-5694'	4/32
LODC sds	exist 5426-30', 50-54'		CP .5 sds	NEW 5834-5836'	4/8
LODC sds	exist 5456-58', 62-64'		CP1 sds	NEW 5851-5854'	4/12
LODC sds	exist 5496-5506'	5 holes	CP3 sds	NEW 5987-5996'	4/36
LODC sds	exist 5510-20', 36-44'	10 holes	CP3 sds	NEW 6012-6015'	4/12

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 7, 2001

SITP: 0 SICP: 0

RBP @ 6050'. PU & set pkr @ 5721'. Fill csg W/ 55 BW & hold 200 psi on annulus during frac (used add'l 23 BW). RU BJ Services to tbg & frac CP sds W/ 70,100# 20/40 sand in 457 bbls Viking I-25 fluid. Treated @ ave press of 3725 psi W/ ave rate of 17.4 BPM. ISIP-2030 psi. RD BJ. Begin immediate flowback of CP frac on 12/64 choke @ 1 BPM. Zone flowed 4 hrs & died. Rec 160 BTF (est 35% of frac load). Fill annulus W/ wtr. PU & release pkr. Circ hole clean. TIH W/ tbg. Tag sd @ 5967'. C/O sd to RBP @ 6050'. Release plug. Pull up, isolate & breakdown new LODC intervals as follows: perfs 5676-78' & 5686-94' brokedn @ 3000 psi. Injected @ 2.5 BPM @ 2500 psi. Perfs 5642-58' brokedn @ 2500 psi. Injected 10 bbls @ 3.1 BPM @ 2300 psi W/ no sign of communication. Release tools. Re-set RBP @ 5770'. Set pkr above & press test tbg & tools to 3000 psi. Used 122 BW during cleanout, breakdown & pressure test. Release pkr. Pull to 5612' & leave unset. SIFN W/ est 1033 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 536 Starting oil rec to date: 0  
Fluid lost/recovered today: 497 Oil lost/recovered today:  
Ending fluid to be recovered: 1033 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: CP sands

5200 gals of pad

3500 gals W/ 1-5 ppg of 20/40 sand

7000 gals W/ 5-8 ppg of 20/40 sand

2058 gals W/ 8 ppg of 20/40 sand

Flush W/ 1428 gals of slick water

\*pumped down 2 7/8 L-80 tbg

## COSTS

KES rig \$3,075

Weatherford BOP \$130

Weatherford service \$550

BJ Services--CP sds \$27,741

Frac water (piped) \$100

Fuel gas (+/- 45 mcf) \$135

IPC supervision \$200

Max TP: 5004 Max Rate: 17.6 BPM Total fluid pmpd: 457 bbls

Avg TP: 3725 Avg Rate: 17.4 BPM Total Prop pmpd: 70,100#

ISIP: 2030 5 min: 10 min: FG: .78

Completion Supervisor: Gary Dietz

DAILY COST: \$31,931

TOTAL WELL COST: \$55,298





11 of 16

## DAILY COMPLETION REPORT

WELL NAME: State 24-32-8-16

Report Date: Sept. 11, 2001

Completion Day: 05

Present Operation: Re-completion

Rig: Key #965

## WELL STATUS

Surf Csg: 8 5/8 @ 292' Prod Csg: 5 1/2" Wt: 17# @ 6201' Csg PBD: 6158'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80 EOT @: 0' BP/Sand PBD: 4430'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2 sds	NEW 4362-4368'	4/24	LODC sds	exist 5548-5556'	5 holes
D1 sds	exist 4920-24', 26-34'		LODC sds	exist 5566-5608'	28 holes
D1 sds	exist 4936-50'		LODC sds	NEW 5642-5658'	4/64
B sds	exist 5196-5206'		LODC sds	NEW 5676-5678'	4/8
A sds	exist 5368-5378'		LODC sds	NEW 5686-5694'	4/32
LODC sds	exist 5426-30', 50-54'		CP .5 sds	NEW 5834-5836'	4/8
LODC sds	exist 5456-58', 62-64'		CP1 sds	NEW 5851-5854'	4/12
LODC sds	exist 5496-5506'	5 holes	CP3 sds	NEW 5987-5996'	4/36
LODC sds	exist 5510-20', 36-44'	10 holes	CP3 sds	NEW 6012-6015'	4/12

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 10, 2001

SITP: 0 SICP: 0

RBP @ 5770'. PU & set pkr @ 5622'. Fill csg W/ 50 BW & hold 200 psi on annulus during frac (used add'l 15 BW). RU BJ Services to tbg to frac "new" LODC sds (5642' through 5694'). Pumped 17,964# 20/40 sand in 378 bbls Viking I-25 fluid. Perfs communicated above pkr (increased annulus pressure) W/ 4# sd on perfs. Est 13,278# sd in perfs and 4686# sd left in tbg.

**Decision made to abort LODC frac.** RD BJ. Bleed annulus pressure off. Bleed tbg off. Rec est 25 BTF. Release pkr. Circ hole clean. TIH W/ tbg & pkr. Tag sd @ 5750'. C/O sd to RBP @ 5770'. Lost est 45 BW. Release plug. Pull up & reset @ 4430'. Set pkr above & pressure test tbg & tools to 3000 psi. Release pkr. Pull up & re-set @ 4331'. Breakdown GB2 perfs (4362-68') @ 2500 psi. Inject perfs @ 4.7 BPM @ 2000 psi. Used 2 BW for breakdown. Release pkr. TOH W/ tbg. LD pkr & RH. SIFN W/ est 1498 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1033 Starting oil rec to date: 0  
Fluid lost/recovered today: 465 Oil lost/recovered today:  
Ending fluid to be recovered: 1498 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand frac  
Company: BJ Services

Procedure or Equipment detail: "NEW" LODC sands

9000 gals of pad

6888 gals W/ 1-4.4 ppg of 20/40 sand

NO FLUSH

frac communicated to zone above--Abort frac job

Est 13,037# sd in formation, Est 4686# sd left in tbg.

\*pumped down 2 7/8 L-80 tbg

Max TP: 5026 Max Rate: 16.7 BPM Total fluid pmpd: 378 bbls

Avg TP: 4226 Avg Rate: 16.6 BPM Total Prop pmpd: 17,964#

ISIP: 2250 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

## COSTS

KES rig	\$2,805
Weatherford BOP	\$130
Weatherford service	\$550
BJ Services--LDC sds	\$24,519
Frac water (piped)	\$100
Fuel gas (+/- 45 mcf)	\$135
TMT-water disposal	\$600
Zubiate HO trk	\$300
IPC Supervision	\$200

DAILY COST: \$29,339

TOTAL WELL COST: \$84,637



12 of 16

## DAILY COMPLETION REPORT

WELL NAME: State 24-32-8-16

Report Date: Sept. 12, 2001

Completion Day: 06

Present Operation: Re-completion

Rig: Key #965

## WELL STATUS

Surf Csg: 8 5/8 @ 292' Prod Csg: 5 1/2" Wt: 17# @ 6201' Csg PBTD: 6158'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: L-80 EOT @: 0' BP/Sand PBTD: 4430'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2 sds	NEW 4362-4368'	4/24	LODC sds	exist 5548-5556'	5 holes
D1 sds	exist 4920-24', 26-34'		LODC sds	exist 5566-5608'	28 holes
D1 sds	exist 4936-50'		LODC sds	NEW 5642-5658'	4/64
B sds	exist 5196-5206'		LODC sds	NEW 5676-5678'	4/8
A sds	exist 5368-5378'		LODC sds	NEW 5686-5694'	4/32
LODC sds	exist 5426-30', 50-54'		CP .5 sds	NEW 5834-5836'	4/8
LODC sds	exist 5456-58', 62-64'		CP1 sds	NEW 5851-5854'	4/12
LODC sds	exist 5496-5506'	5 holes	CP3 sds	NEW 5987-5996'	4/36
LODC sds	exist 5510-20', 36-44'	10 holes	CP3 sds	NEW 6012-6015'	4/12

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 11, 2001

SITP: 0 SICP: 0

Shovel sand from flat tank. BJ Services unable to frac today. Release rig crew.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1498 Starting oil rec to date: 0  
Fluid lost/recovered today: 0 Oil lost/recovered today:  
Ending fluid to be recovered: 1498 Cum oil recovered: 0  
IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Job Type: KES rig \$2,475  
Company: Weatherford BOP \$130

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: FG:

Completion Supervisor: Gary Dietz

DAILY COST: \$2,605

TOTAL WELL COST: \$87,242



13 of 16

### DAILY COMPLETION REPORT

WELL NAME: State 24-32-8-16

Report Date: Sept. 13 2001

Completion Day: 07

Present Operation: Re-completion

Rig: Key #965

#### WELL STATUS

Surf Csg: 8 5/8 @ 292' Prod Csg: 5 1/2" Wt: 17# @ 6201' Csg PBTD: 6158'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 EOT @: 4180' BP/Sand PBTD: 6158'

#### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2 sds	NEW 4362-4368'	4/24	LODC sds	exist 5548-5556'	5 holes
D1 sds	exist 4920-24', 26-34'		LODC sds	exist 5566-5608'	28 holes
D1 sds	exist 4936-50'		LODC sds	NEW 5642-5658'	4/64
B sds	exist 5196-5206'		LODC sds	NEW 5676-5678'	4/8
A sds	exist 5368-5378'		LODC sds	NEW 5686-5694'	4/32
LODC sds	exist 5426-30', 50-54'		CP .5 sds	NEW 5834-5836'	4/8
LODC sds	exist 5456-58', 62-64'		CP1 sds	NEW 5851-5854'	4/12
LODC sds	exist 5496-5506'	5 holes	CP3 sds	NEW 5987-5996'	4/36
LODC sds	exist 5510-20', 36-44'	10 holes	CP3 sds	NEW 6012-6015'	4/12

#### CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 12, 2001

SITP: 0 SICP: 0

RU BJ Services and frac GB sds W/ 34,061# 20/40 sand in 319 bbls Viking 1-25 fluid. Treated @ ave press of 2525 psi w/ ave rate of 29.9 BPM. ISIP-2260 psi. RD BJ. Begin immediate flowback of GB frac on 12/64 choke @ 1BPM. Zone flowed 3hrs & died. Rec 126 BTF (est 44% of frac load. TIH w/ RH & tbg tag sand @ 4398' C/O sd to PBTD @ 4430'. Circ hole clean. Release plug. TOH & LD frac tbg on float & RBP. TIH w/ NC & 128 jts J-55 tbg. EOT @ 4180'. SWIFN. Est 1408 BWTR.

#### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1498 Starting oil rec to date: 0  
Fluid lost/recovered today: 90 Oil lost/recovered today: 66  
Ending fluid to be recovered: 1408 Cum oil recovered: 66  
IFL: FFL: FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

#### STIMULATION DETAIL

#### COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

2700 gals of pad  
2125 gals w/ 1-3 ppg of 20/40 sand  
4250 gals w/ 6.50 ppg of 20/40 sand  
Flush w/ 4340 gals of slick water

KES rig \$3,075  
Weatherford BOP \$130  
ICP S upervision \$200  
BJ Services-GB sds \$7,240

Max TP: 2964 Max Rate: 30 Total fluid pmpd: 319

Avg TP: 2525 Avg Rate: 29.9 Total Prop pmpd: 34,061#

ISIP: 2260 5 min: 10 min: .95

Completion Supervisor: Ray Herrera

DAILY COST: \$10,645

TOTAL WELL COST: \$97,887



14 of 16

## DAILY COMPLETION REPORT

WELL NAME: State 24-32-8-16

Report Date: Sept. 142001

Completion Day: 08

Present Operation: Re-completion

Rig: Key #965

## WELL STATUS

Surf Csg: 8 5/8 @ 292' Prod Csg: 5 1/2" Wt: 17# @ 6201' Csg PBTD: 6158'  
Tbg: Size: 2 7/8 Wt: 6.5# Grd: J-55 EOT @: 6096' BP/Sand PBTD: 6158'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB2 sds	NEW 4362-4368'	4/24	LODC sds	exist 5548-5556'	5 holes
D1 sds	exist 4920-24', 26-34'		LODC sds	exist 5566-5608'	28 holes
D1 sds	exist 4936-50'		LODC sds	NEW 5642-5658'	4/64
B sds	exist 5196-5206'		LODC sds	NEW 5676-5678'	4/8
A sds	exist 5368-5378'		LODC sds	NEW 5686-5694'	4/32
LODC sds	exist 5426-30', 50-54'		CP .5 sds	NEW 5834-5836'	4/8
LODC sds	exist 5456-58', 62-64'		CP1 sds	NEW 5851-5854'	4/12
LODC sds	exist 5496-5506'	5 holes	CP3 sds	NEW 5987-5996'	4/36
LODC sds	exist 5510-20', 36-44'	10 holes	CP3 sds	NEW 6012-6015'	4/12

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Sept. 13, 2001

SITP: 70 SICP: 200

Bleed pressure off well. TIH w/ NC. Tag sd @ 6143' C/O to PBTD @ 6158. Circ hole clean lost est 20 BW during clean out. Pull EOT to 6096'. RU swab equipment. IFL @ sfc. Made 22 swab runs rec 235 BTF 219 BW, 16 BO & no sand. FFL @ 5500 SIFN W/ est 1193 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1408 Starting oil rec to date: 0  
Fluid lost/recovered today: 215 Oil lost/recovered today: 16  
Ending fluid to be recovered: 1193 Cum oil recovered: 16  
IFL: SFC FFL: 5500' FTP: Choke: Final Fluid Rate: Final oil cut: 30%

## STIMULATION DETAIL

## COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

KES rig	\$3,309
Weatherford BOP	\$130
ICP S upervision	\$200

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

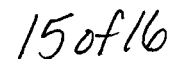
ISIP: 5 min: 10 min:

Completion Supervisor: Ray Herrera

DAILY COST: \$3,639

TOTAL WELL COST: \$101,526

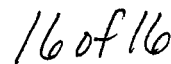




**Rig: Key #965**

**TOTAL WELL COST: \$104.557**



**Completion Day: 10**

**Rig: Key #965**

Surf Csg:	8 5/8	@	292'	Prod Csg:	5 1/2"	Wt:	17#	@	6201'	Csg PBTD:	6158'
Tbg:	Size:	2 7/8	Wt:	6.5#	Grd:	J-55	EOT @:	6045	BP/Sand PBTD:	6158'	

Zone		Perfs	SPF/#shots	Zone		Perfs	SPF/#shots
GB2 sds	NEW	4362-4368'	4/24	LODC sds	exist	5548-5556'	5 holes
D1 sds	exist	4920-24', 26-34'		LODC sds	exist	5566-5608'	28 holes
D1 sds	exist	4936-50'		LODC sds	NEW	5642-5658'	4/64
B sds	exist	5196-5206'		LODC sds	NEW	5676-5678'	4/8
A sds	exist	5368-5378'		LODC sds	NEW	5686-5694'	4/32
LODC sds	exist	5426-30',50-54'		CP .5 sds	NEW	5834-5836'	4/8
LODC sds	exist	5456-58',62-64'		CP1 sds	NEW	5851-5854'	4/12
LODC sds	exist	5496-5506'	5 holes	CP3 sds	NEW	5987-5996'	4/36
LODC sds	exist	5510-20',36-44'	10 holes	CP3 sds	NEW	6012-6015'	4/12

**SITP: 70      SICP: 200**

TIH W/ rod string as follows: Repaired randys 2 1/2 X 1 1/2 X 16' RHAC pump, 4- 1 1/2" weight rods, 19 -3/4" scraped rods, 200-3/4" plain rods, 16 scraped rods, 1-4' pony rod, 1 1/2" X 22' polished rod. Seat pump. RU pumping unit. Fill tbg W/ 20 BW. Press test pump & tbg to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOS. Est 1288 BWTR. **Place well on production @ 11:00 am 9/15/01 w/ 62" SL @ 5 SPM.**

## FINAL REPORT!!

Starting fluid load to be recovered:	1248	Starting oil rec to date:	16
Fluid lost/recovered today:	40	Oil lost/recovered today:	0
Ending fluid to be recovered:	1288	Cum oil recovered:	26
IFL:	SFC	FFL:	FTP:
Choke:	Final Fluid Rate:	Final oil cut:	

<u>PRODUCTION TBG DETAIL</u>		<u>ROD DETAIL</u>	KES rig	\$2,375
KB	<u>13.50'</u>		Weatherford BOP	\$130
184	<u>2 7/8 J-55 tbhg (5930.93')</u>		ICP Supervision	\$200
	<u>TA (2.80' @ 5944.43' KB)</u>		Betts Trucking	\$300
2	<u>2 7/8 J-55 tbhg (64.49')</u>			
	<u>SN (1.10' @ 6011.72' KB)</u>			
1	<u>2 7/8 J-55 tbhg (31.89')</u>			
	<u>2 7/8 NC (.45')</u>			
EOT	<u>6045.16 W/ KB</u>			
	<u>1</u>			
			DAILY COST:	\$3,005
	<u>Completion Supervisor: Ray Herrera</u>		TOTAL WELL COST:	\$107,562

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4312'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement.
3. Plug #2 Set 200' plug from 2000'-2200' using 25 sx Class "G" cement.
4. Perforate 4 JSPF @ 342'.
4. Plug #3 Circulate 95sx Class "G" cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus.

The approximate cost to plug and abandon this well is \$59,344.

## State #24-32-8-16

Spud Date: 11/28/84  
 Put on Production: 1/26/85  
 GL: 5776' KB: 5790'

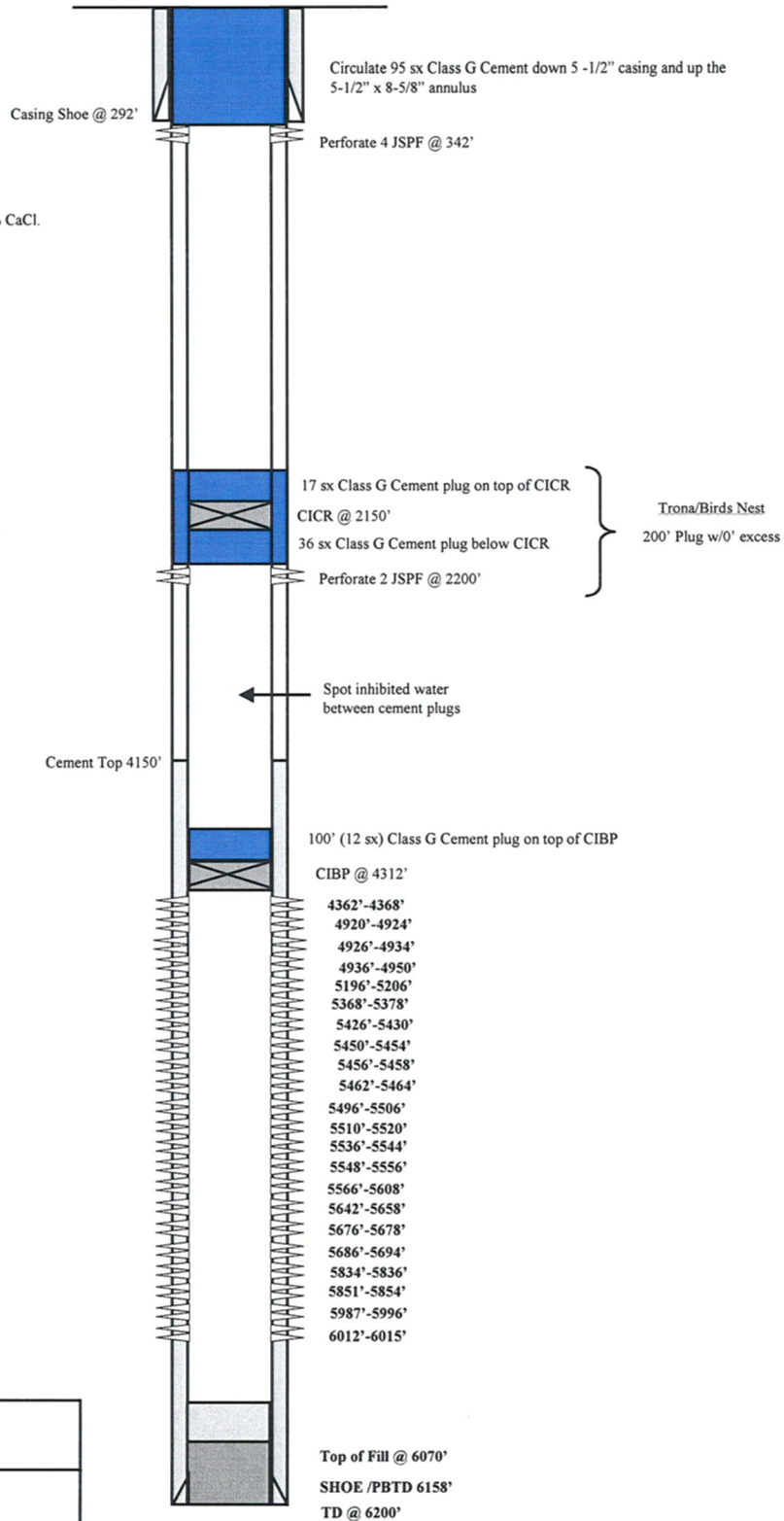
Initial Production: 84 BOPD,  
 50 MCFD, 0 BWPD

Proposed P & A  
Wellbore DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 DEPTH LANDED: 292'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: To surface with 175 sx "H" cmt with 2% CaCl.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 17#  
 DEPTH LANDED: 6201' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 415 sxs Class "G" with 10% Gyp-seal.  
 CEMENT TOP: 4150' per CBL

**NEWFIELD**

**State #24-32-8-16**  
 758' FSL & 2016' FWL  
 SE/SW Section 32-T8S-R16E  
 Duchesne Co, Utah  
 API #43-013-31040; Lease #ML-21836



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 16, 2009

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Wells Draw Unit Well: State 24-32-8-16, Section 32, Township 8 South, Range 16 East, SLBM, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

Gil Hunt  
Associate Director

GLH/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
SITLA  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield\Wells Draw



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-21836
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: WELLS DRAW UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 758 FSL 2016 FWL		8. WELL NAME and NUMBER: STATE 24-32
OTR/OTR. SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW, 32, T8S, R16E		9. API NUMBER: 4301331040
PHONE NUMBER: 435.646.3721		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 07/21/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well was converted from a producing oil well to an injection well on 07/07/09. On 07/09/09 Dennis Ingram with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test 07/10/09. On 07/10/09 the casing was pressured up to 1590 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 180 psig during the test. There was not a State representative available to witness the test.

API# 43-013-31040

NAME (PLEASE PRINT) <u>Jentri Park</u>	TITLE <u>Production Tech</u>
SIGNATURE 	DATE <u>07/21/2009</u>

(This space for State use only)

RECEIVED

JUL 22 2009

DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 7/16/09 Time 9:20 ampm

Test Conducted by: David Richens

Others Present: \_\_\_\_\_

Well: State 24-32-8-16

Field: Monument Butte

Well Location: SE/5W Sec. 32, T8S, R16E API No: 43-03-31040

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1590</u>	psig
5	<u>1590</u>	psig
10	<u>1590</u>	psig
15	<u>1590</u>	psig
20	<u>1590</u>	psig
25	_____	psig
30 min	_____	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 180 psig

Result:                      Pass                      Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: David Richens

RECEIVED

JUL 22 2009









JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT


Cause No. UIC-352

**Operator:** Newfield Production Company  
**Well:** State 24-32-8-16  
**Location:** Section 32, Township 8 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-31040  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on June 16, 2009.
2. Maximum Allowable Injection Pressure: 1,466 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,362' – 6,158')

---

Approved by:  8-3-09  
Gil Hunt Date  
Associate Director

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Eric Sundberg, Newfield Production Company, Denver  
Newfield Production Company, Myton  
SITLA  
Duchesne County  
Well File

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
758 FSL 2016 FWL  
SESW Section 32 T8S R16E

5. Lease Serial No.

UTAH STATE ML-21836

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
WELLS DRAW UNIT

8. Well Name and No.  
STATE 24-32

9. API Well No.  
4301331040

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change status put well
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	on injection

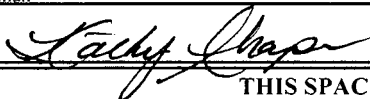
13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above reference well was put on injection at 1:30 PM on 8-20-09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Kathy Chapman

Signature



Title

Office Manager

Date

08/21/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**AUG 24 2009**

**DIV. OF OIL, GAS & MINING**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-21836
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> 1001 17th Street, Suite 2000 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> STATE 24-32
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0758 FSL 2016 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 32 Township: 08.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013310400000
<b>PHONE NUMBER:</b> 303 382-4443 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

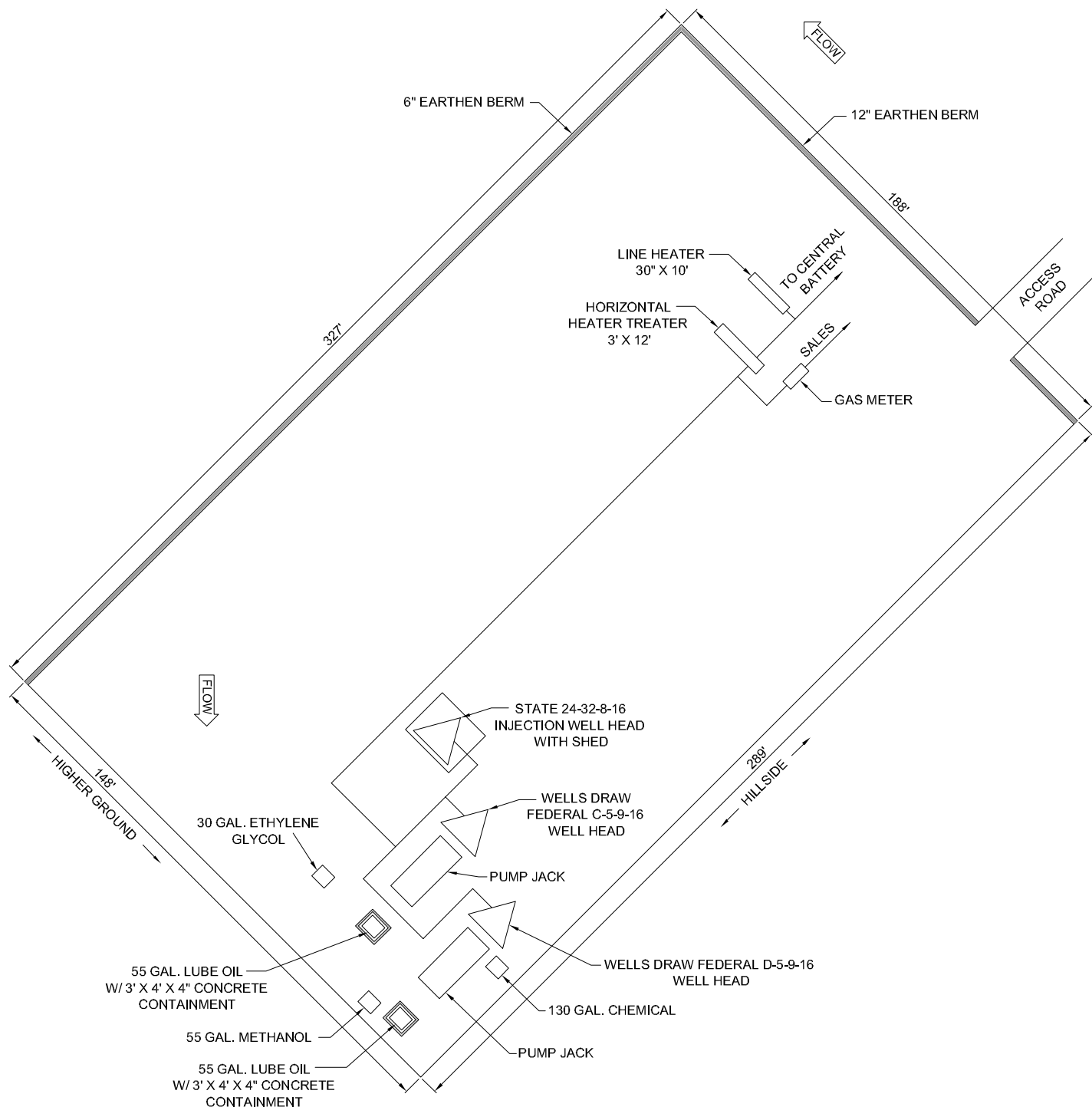
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>1/30/2014</b>
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input checked="" type="checkbox"/> OTHER			
<input type="checkbox"/> DRILLING REPORT Report Date:	OTHER: <span style="border: 1px solid black; padding: 2px;">Site Facility/Site Security</span>			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

SEE ATTACHED REVISED SITE FACILITY DIAGRAM

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 February 03, 2014

<b>NAME (PLEASE PRINT)</b> Jill L Loyle	<b>PHONE NUMBER</b> 303 383-4135	<b>TITLE</b> Regulatory Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/31/2014	



Federal Lease #: ML-21836 UTU-30096 UTU87538X



STATE 24-32-8-16, WELLS DRAW  
FEDERAL C-5-9-16 AND D-5-9-16

Newfield Exploration Company  
SESW Sec 32, T8S, R16E  
Duchesne County, UT

N.T.S.

M.G.

AUG 2013



RECEIVED: Jan. 31, 2014

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> ML-21836
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> STATE 24-32
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0758 FSL 2016 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 32 Township: 08.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43013310400000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>6/10/2014</b>  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:
OTHER: <span style="border: 1px solid black; padding: 2px;">5 YR MIT</span>				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  

On 06/09/2014 Chris Jensen with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 06/10/2014 the casing was pressured up to 1211 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 893 psig during the test. There was not a State representative available to witness the test.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**  
 June 17, 2014

**Date:** \_\_\_\_\_

**By:**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/16/2014	

# Mechanical Integrity Test Casing or Annulus Pressure Test

**Newfield Production Company**Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721Witness: \_\_\_\_\_ Date 6/10/14 Time 9:00 am pm  
Test Conducted by: Britt Jensen  
Others Present: \_\_\_\_\_Well: State 24-32-8-16Field: GMBUWell Location: SE/SW Sec 32, T8S, R16EAPI No: 43-013-310405 year MIT

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1204</u>	psig
5	<u>1204</u>	psig
10	<u>1204</u>	psig
15	<u>1205</u>	psig
20	<u>1206</u>	psig
25	<u>1208</u>	psig
30 min	<u>1211</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 893 psig

Result:

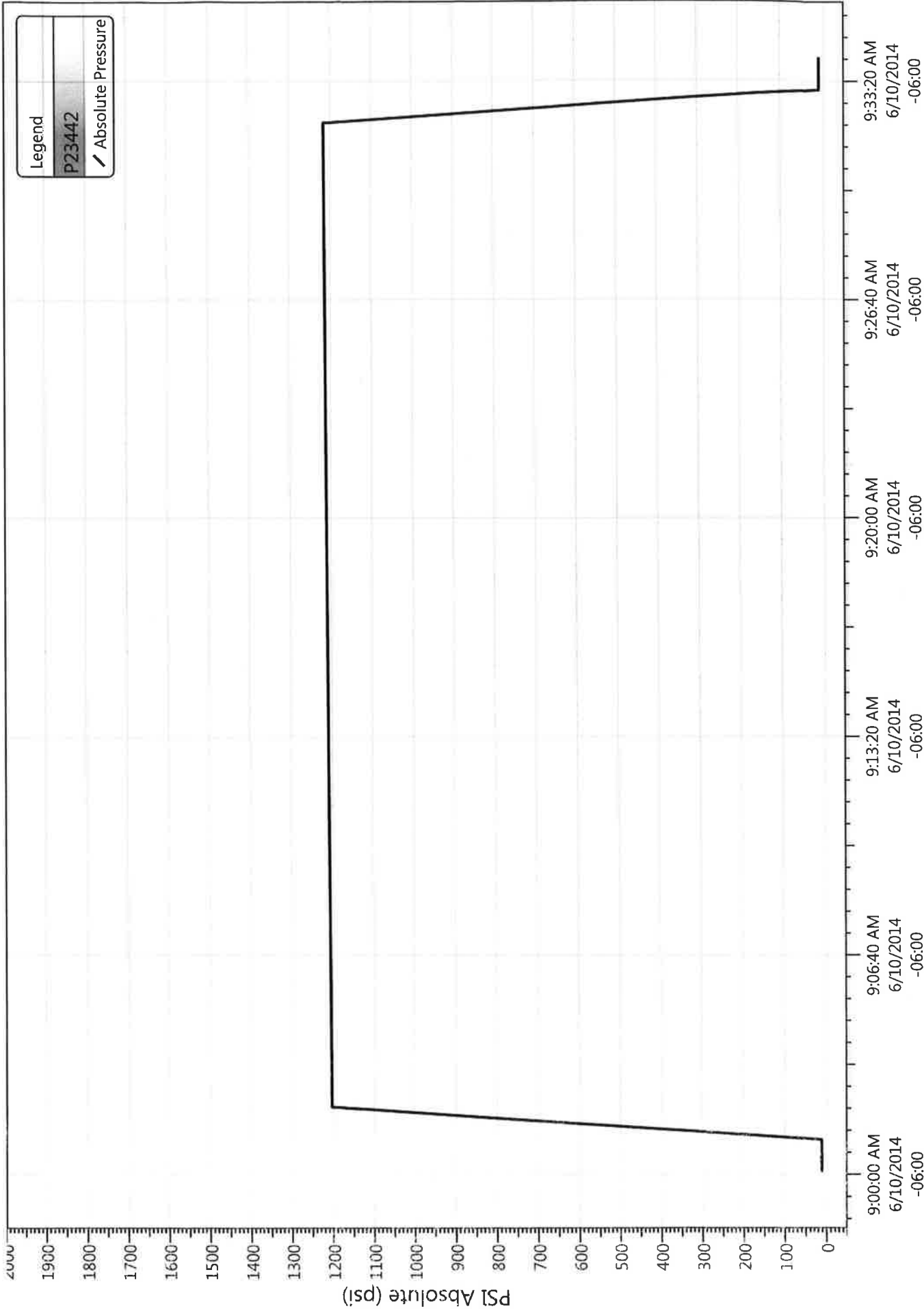
Pass

Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: \_\_\_\_\_

State 24-32-8-16  
6/10/2014 8:56:57 AM



# State #24-32-8-16

Spud Date: 11/28/84  
Put on Production: 1/26/85  
GL: 5776' KB: 5790'

Initial Production: 84 BOPD,  
50 MCFD, 0 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
DEPTH LANDED: 292'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: To surface with 175 sx "H" cmt with 2% CaCl

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 17#  
DEPTH LANDED: 6201' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 415 sxs Class "G" with 10% Gyp-seal.  
CEMENT TOP: 4150' per CBL

### TUBING

SIZE/GRADE/WT: 2-7/8", J-55 tbg.  
NO. OF JOINTS: 134 jts. (4303.73')  
SEATING NIPPLE: 1.10'  
SN AT: 4317.23'  
5 - 1/2" Arrowset 1-X pkr (7.40')  
CE @ 4321.58  
TOTAL STRING LENGTH: EOT @ 4325.73'

### FRAC JOBS

01/10/85	5496'-5608'	Acidize w/ 100 bbl KCL fluid, good ball action, drop to 70 bbl, broke dn @ 3900 w/7 bpm. Frac w/30,000 gal pad, 64,000 gal gelled 5% KCL wtr with 20/40 mesh sd as proppant. ISIP 2050 psi.
07/89	5196'-5464'	Frac w/ 94,000# 20/40 mesh sand as proppant with 1,000 gal gelled 5% KCL. ISIP 1500 psi.
07/89	4920'-4950'	Frac w/ 74,000# 20/40 mesh sand as proppant with 945 gal gelled 5% KCL. ISIP 2000 psi.
06/04/99		Pump change.
05/08/01		Tubing leak.
09/07/01	5834'-6015'	Frac w/ 70,100# 20/40 sand in 457 bbl. Viking I-25 fluid. Avg. treating press. 3725 psi. @ 17.4 BPM. ISIP 2030 psi. Flowed 4 hrs. then died.
09/10/01	5642'-5694'	Frac w/ 17,964# 20/40 sand in 378 bbl. Viking I-25 fluid. Perfs communicated up with est. 13,278# sand in perfs and 4,686# sand in tubing. Abort frac on LODC.
09/12/01	4362'-4368'	Frac w/ 34,061# 20/40 sand in 319 bbl. Viking I-25 fluid. Avg. treating press. 2525 psi. @ 29.9 BPM. ISIP 2260 psi. Flowed 3 hrs. then died.
11/18/04		Pump change. Updated rod and tubing detail.
1/30/06		Tubing leak. Update rod and tubing details.
1-21-08		Major Workover. Updated rod & tubing details.
07/07/09		Convert to Injection well
07/10/09		MIT completed, update tbg detail

### PERFORATION RECORD

1/09/85	5496'-5506'	5 holes
1/09/85	5510'-5520'	5 holes
1/09/85	5536'-5544'	5 holes
1/09/85	5548'-5556'	5 holes
1/09/85	5566'-5608'	28 holes
7/89	5196'-5206'	
7/89	5368'-5378'	
7/89	5426'-5430'	
7/89	5450'-5454'	
7/89	5456'-5458'	
7/89	5462'-5464'	
7/89	4920'-4924'	
7/89	4926'-4934'	
7/89	4936'-4950'	
9/6/01	6021'-6015'	4 SPF 12 holes
9/6/01	5987'-5996'	4 SPF 36 holes
9/6/01	5851'-5854'	4 SPF 12 holes
9/6/01	5834'-5836'	4 SPF 08 holes
9/6/01	5686'-5694'	4 SPF 32 holes
9/6/01	5676'-5678'	4 SPF 08 holes
9/6/01	5642'-5658'	4 SPF 64 holes
9/6/01	4362'-4368'	4 SPF 24 holes

Packer @ 4322'

EOT @ 4326'

4362'-4368'  
4920'-4924'  
4926'-4934'  
4936'-4950'  
5196'-5206'  
5368'-5378'  
5426'-5430'  
5450'-5454'  
5456'-5458'  
5462'-5464'  
5496'-5506'  
5510'-5520'  
5536'-5544'  
5548'-5556'  
5566'-5608'  
5642'-5658'  
5676'-5678'  
5686'-5694'  
5834'-5836'  
5851'-5854'  
5987'-5996'  
6012'-6015'

Top of Fill @ 6070'

SHOE/PBTD 6158'

TD @ 6200'

## NEWFIELD

State #24-32-8-16  
758' FSL & 2016' FWL  
SE/SW Section 32-T8S-R16E  
Duchesne Co, Utah  
API #43-013-31040; Lease #ML-21836